INTERIM STATUS REPORT

SUPPLEMENTAL PHASE II ENVIRONMENTAL STUDY

26-42 CHARLOTTE STREET ROCHESTER, NEW YORK

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1.0 INTRODUCTION

This interim status report prepared by Day Environmental, Inc. (DAY) summarizes the findings of Supplemental Phase II Environmental Services conducted at 26-42 Charlotte Street, City of Rochester, County of Monroe, New York (i.e., Grammatico parcels). This report also briefly summarizes the findings of concurrent environmental studies performed on the adjoining property to the east (i.e., 14-16 Charlotte Street) and west (i.e., 48-60 Charlotte Street), which are parcels currently owned by the City of Rochester (City parcels). The general location of the Site is shown on Figure 1 (Project Locus Map) included in Appendix A. The location of the Grammatico parcels and adjoining City parcels are shown on Figure 2 (Site Plan) included in Appendix A. Selected photographs of the Grammatico parcels that were taken between the years of 1997 and 2000 are included in Appendix G. The photographs show the locations of existing or former site features.

1.1 Background

DAY completed a Phase I Environmental Site Assessment (Phase I ESA) report (file #1274E-97) dated May 15, 1997 for the above-referenced properties (Site) addressed as 14-60 Charlotte Street. The Phase I ESA report identified the following environmental concerns:

1. Suspected and/or former underground storage tanks (USTs)
2. Historical uses of the Site as an auto repair, lumber company, industrial workshop, service station, battery service, used car lot, etc. A Sanborn map included as Figure 8 in Appendix A updated through 1965 depicts how the Grammatico parcels and some adjoining parcels were developed at that time.
3. The findings of a previous test pit investigation
4. Floor drains
5. Basements on the 14-16 Charlotte Street parcel contained standing apparent water that was observed stained with pigment, dye, or some other type of material
6. Suspect asbestos-containing material (SACM)
7. Floor staining
8. In-ground hydraulic floor lifts

On behalf of the City of Rochester, DAY completed a Phase II Study report dated September 30, 1997 on the City parcel currently addressed as 48-60 Charlotte Street. A Supplemental Phase II Study report dated December 15, 1997 was also completed on this City parcel and on an adjoining right-of-way property owned by the City of Rochester. The results of these studies indicated that hydrocarbon and chlorinated volatile organic compound (VOC) contamination apparently associated with petroleum products, paint thinner and dry cleaning solvents (e.g., Stoddard Solvent, Tetrachloroethene) were in the right-of-ways of Haags Alley and Charlotte Street and the City parcel currently addressed as 48-60 Charlotte Street. The results of these 1997 intrusive studies also indicated the presence of fill material that contains concentrations of heavy metals (e.g., cadmium, lead, etc.) above typical naturally occurring concentration ranges of metals in soil.

In 1998 or 1999, the commercial building located on the City parcel addressed as 14-16 Charlotte Street was demolished. One apparent fill port to an underground storage tank (UST) and also the sub-grade portion of an in-ground hydraulic lift were noted during the demolition work. These sub-grade structures were marked and left in-place for future remediation.

2.0 FIELDWORK AND FINDINGS

To date, various tasks were performed on the Grammatico parcels including: a site reconnaissance, electromagnetic geophysical survey, test boring evaluation, groundwater evaluation, and analytical laboratory testing. These tasks and the associated findings as they pertain to the Grammatico parcels are discussed below.

2.1 Site Reconnaissance - Grammatico Parcels

A site visit was performed on March 7, 2000. As part of the site visit, the interior of the one-story building on the 42 Charlotte Street parcel was observed to assist in evaluating whether additional environmental concerns (i.e., in addition to those identified in the May 15, 1997 Phase I ESA report) exist in relation to this building. The following observations were made during the site reconnaissance:

- Two areas of piping were observed to protrude through the paved surface on the southern portion of the 36 Charlotte Street parcel. The former function of the piping could not be determined during the site reconnaissance.

- An inactive in-ground hydraulic lift and suspect hydraulic oil reservoir tank were observed inside near the center of the building located on the 42 Charlotte Street building (see photograph in Appendix G).

- A sub-grade cylindrical pit (apparent former meter pit) with disconnected piping and a metal cover was observed inside near the northeast corner this building.

- Rust-colored ringed stains, indicative of apparent former drum storage, were observed on the original concrete floor along a portion of the southern wall inside the building. Evidence of material spillage/leakage was not observed on the concrete floor in this apparent former drum storage area.

- A two to three inch diameter pipe with a threaded brass cap was observed in the concrete floor inside the building on the 42 Charlotte Street parcel in proximity to the overhead garage door along the north wall of the building. The function of this capped pipe could not be determined during the site reconnaissance; however, it appeared to be associated with a cleanout for sewer piping.

- Some piping was observed flush with the concrete floor inside the 42 Charlotte Street building along the south wall. This piping appeared to be associated with a former lavatory.

- A patch of newer concrete was observed to cover approximately one-third of the floor area inside the building on the 42 Charlotte Street parcel (see photograph in Appendix G). This concrete patch obscured a complete view of the pre-existing floor surface in this building. Subsequently, DAY retained Arrow Contracting to remove the concrete patch and reveal the pre-existing floor surface in this building, using a Bobcat equipped with a hoe-ram. The

concrete rubble was placed on the concrete-paved surface west of this building. Subsequent to this concrete patch removal, the following observation was made:

- An apparent floor drain with a catch basin/sump that had been covered over by the concrete patch was observed inside near the northeast corner this building (see photograph in Appendix G). An approximate one-inch layer of apparent oil-like material was observed floating on approximately a two-inch layer of apparent water in this catch basin/sump. Approximately 18 inches of thick "oily" sediments were observed beneath the layer of apparent water. The catch basin/sump appeared to have a hard bottom; however, the integrity of this structure and the associated discharge piping, and the discharge location, could not be determined as part of this work.

2.2 Electromagnetic Geophysical Survey

On March 14 & March 15, 2000, an electromagnetic geophysical survey on a 3-foot grid was performed in exterior locations, including the Grammatico parcels. The survey was used to assist in evaluating the possible locations of USTs or other buried structures. The survey was completed by Geomatrix Consultants, Inc. (Geomatrix) using an EM-61 electromagnetic induction meter.

A copy of Geomatrix' Geophysical Survey Results report dated March 17, 2000 is included in Appendix C. As shown on Geomatrix' Figure 1, eight magnetic anomalies lettered G, H, I, J, K, L, M and S were identified on the Grammatico parcels. Geomatrix' report indicates that these magnetic anomalies could be USTs or other buried metal.

In order to evaluate whether USTs were present, test pits were subsequently excavated in these magnetic anomaly areas on March 30, 2000. Arrow Contracting provided the necessary backhoe and operator. A DAY representative documented and monitored the test pit excavation work for the presence of USTs, associated piping, or field evidence of contamination. DAY's monitoring included visual observations of excavated and in-situ materials as well as screening materials with a photoionization detector (PID) for evidence of petroleum or VOC contamination. The PID is a real-time field instrument that measures total VOCs.

Test pits TP-G, TP-I, TP-J, TP-K, TP-L and TP-M were excavated in the areas of magnetic anomalies G, I, J, K, L and M located on the Grammatico parcels (refer to Figure 3 included in Appendix A). These test pits were excavated to depths ranging between approximately 4.5 feet and 6.5 feet below the ground surface. Copies of test pit logs are included in Appendix D. As shown, evidence of USTs for storage of petroleum of other chemicals was not encountered; however, fill material consisting of soil, asphalt, ash, brick and miscellaneous metallic objects (e.g., piping, cooking pan, hot water tank, metal plate, angle iron) was encountered in these test pits. The peak PID readings above ambient air background concentrations measured during the excavation of these test pits ranged between 0.0 parts per million (ppm) and 0.3 ppm.

A test pit was not excavated in the area of anomaly H since it was considered unlikely that a UST would be located at the northern end of this parcel that is currently improved with a residential house.

A test pit was not excavated in the area of anomaly S since it was located inside the existing building on the 42 Charlotte Street Grammatico parcel. It appears likely that the magnetic anomaly measured inside this building was attributable to the in-ground lift, floor drain with catch basin/sump, the former meter pit, and possibly reinforced concrete floor; however, it can not be definitively stated at this time that a UST does not exist beneath the building [DAY understands this building will be demolished by the City of Rochester, and it should be determined at that time whether a UST is present beneath the floor of the building. If a UST is encountered, it should be permanently closed in accordance with applicable regulations].

2.3 Test Boring Evaluation

On April 18 and April 19, 2000, twelve (12) test borings (i.e., TB-8, TB-9, TB-10, TB-11, TB-12, TB-13, TB-14, TB-15, TB-16, TB-17, TB-26 and TB-30) were advanced on the Grammatico parcels using vehicle-mounted Geoprobe System soil sampling equipment that was provided and operated by Zebra Environmental Corp. Figure 4 (Appendix A) illustrates the locations of these test borings. The test borings were sampled continuously and advanced to depths ranging between 8.0 feet and 12.5 feet below the ground surface, which are the depths where equipment refusal was encountered (i.e., inferred top of bedrock). Three of the test borings (TB-15, TB-16 and TB-17) were advanced inside the existing building on the 42 Charlotte Street Grammatico parcel.

Selected samples of fill/soil collected from the test borings were evaluated in the field for evidence of contamination (i.e., staining, odors, type of fill material, elevated PID readings, etc.). Other portions of the samples were retained for possible testing at an analytical laboratory. Surface soil samples were retained for possible metals testing at an analytical laboratory.

Copies of the test boring logs for the test borings conducted on the Grammatico parcels are included in Appendix D. Field observations, PID readings, etc. that were noted on soil samples are summarized as follows:

- Fill material generally consisting of sand, gravel and silt with lesser amounts of brick, ash, wood, glass, asphalt, crushed stone, coal, rock fragments, cinders, and organics, was encountered in each of the twelve test borings. The fill material in these test borings extended from the ground surface to depths ranging between approximately two feet and nine feet below ground surface. Based on the observation of soil samples from the test borings, the average thickness of the fill material on the Grammatico parcels is approximately 5.9 feet.

- Soils beneath the fill material generally consisted of silty sand, with lesser amounts of gravel and clay. Near the apparent top of bedrock, rock fragments were commonly encountered in soil samples.

- The apparent groundwater table was encountered (i.e., as evidenced by wet soil samples and/or standing water in the test boring) in six of the twelve test borings (i.e., TB-9, TB-10, TB-11, TB-14, TB-17 and TB-26) at an average depth of approximately 10.0 feet below ground surface.

- Field evidence of suspect contaminated soil (i.e., based upon PID readings greater than 5.0 ppm and observations including odors, staining, etc.) was detected on soil samples from seven of the twelve test borings (i.e., TB-8, TB-9, TB-10, TB-14, TB-16, TB-17 and TB-26) that were advanced on the Grammatico parcels. Peak PID readings ranging between 179 ppm and 851 ppm were measured on soil samples from test borings TB-9, TB-14, TB-17 and TB-26. Petroleum-type or volatile-type odors were detected on soil samples from test borings TB-8, TB-9, TB-10, TB-17 and TB-26. Stained soil was observed on soil samples from test borings TB-8, TB-9, TB-10, TB-14, TB-17 and TB-26. Oil globules and/or a petroleum-type visible sheen on wet soil were observed on soil samples from test borings TB-9 and TB-17. The suspect contamination was typically observed in the soils immediately above the groundwater table or in soils within the groundwater. However, suspect contamination soil was also encountered in shallower unsaturated soil samples from test borings TB-8 (5.5'), TB-14 (0.5') and TB-16 (0.5').

- Figure 7 illustrates peak PID readings measured at test locations on the Grammatico parcels as a colored 2-dimensional diagram (i.e., contour map) developed using the Stratos98 software program. As shown, TB-17 and TB-26 are two locations where the highest PID readings were detected in soil samples from the Grammatico parcels.

Decontamination Procedures and Study-Derived Wastes

Drilling and sampling equipment used during the test boring evaluation were decontaminated prior to being used at each location by implementing the following procedures: 1) rough wash in tap water; 2) wash in mixture of tap water and alconox soap; 3) double rinse with distilled or deionized water; and 4) air dry and/or dry with clean paper towel. Decontamination was conducted as a quality control measure to avoid cross-contamination between sample intervals at and between test locations.

Drill cuttings, decontamination water, etc. that were generated during the test boring evaluation work were placed in New York State Department of Transportation (NYSDOT)-approved 55-gallon drums that were labeled and are staged onsite until a proper disposal method can be determined.

2.4 Groundwater Evaluation

As part of the studies conducted, a total of four groundwater monitoring wells were installed on the Grammatico parcels. These wells were later developed, and groundwater samples were collected for analytical laboratory testing. Further information is provided herein.

Overburden Monitoring Wells

Two of the Geoprobe System test borings (i.e., TB-10 and TB-14) were converted into overburden groundwater monitoring wells (i.e., MW-2 and MW-3, respectively). Each well consists of a pre-cleaned approximate five-foot long, 1.25-inch inner-diameter (ID), threaded, flush-jointed, No. 10 slot, Schedule 40 PVC screen with attached riser casing of the same material. The well screens

were installed to intercept the top of the water table observed during advancement of the associated test borings. The well installations included a washed and graded sand pack surrounding the screen and about four to six feet above it. A bentonite seal was placed above the sand pack and the remaining annulus was filled with cement/bentonite grout. A steel protective curb box with locking cap was placed over the wells and cemented in place.

Overburden/Bedrock Interface Wells

Two overburden/bedrock interface groundwater monitoring wells (i.e., MW-8 and MW-9) were installed on the Grammatico parcels (refer to Figure 4 included in Appendix A). Earth Dimensions, Inc. advanced and installed these monitoring wells using conventional rotary drilling techniques. A DAY representative observed and documented the work that was completed.

A truck-mounted drill-rig was used to advance 4 1/4-inch hollow stem augers at each well location. Continuous split spoon soil samples were collected ahead of the augers in general conformance with ASTM 1586. Each boring was advanced through the overburden to depths of approximately 8.5 feet below the ground surface. The recovered split spoon samples were visually examined by a DAY representative for evidence of suspect contamination (e.g., staining, unusual odors, etc.). Portions of the recovered split spoon samples were collected for possible laboratory analysis. Other portions of selected split spoon samples were placed in containers and the ambient headspace air was screened with a PID in order to evaluate the presence of VOCs in the samples.

Subsequent to encountering auger refusal (indicating top of bedrock) at approximately 8.5 feet below the ground surface, bedrock at the MW-8 and MW-9 locations was reamed using a 3 7/8" diameter roller bit for depth intervals of approximately 8.5 feet to 16.0 feet and 8.5 feet to 15 feet below the ground surface, respectively.

Following the completion of the boring at the two well locations on the Grammatico parcels, a monitoring well was constructed within each boring. Each well consisted of a pre-cleaned approximate eight-foot long, two-inch I.D., threaded, flush-jointed, No. 10 slot, schedule 40 PVC screen with attached riser casing of the same material. The well screens were installed to intercept the top of the water table, and straddled the overburden/bedrock interface. The well installation included a washed and graded sand pack surrounding the screen and extending at least one foot below it, and about one foot above it. The annulus beneath each well also contained natural sediments and rock fragments that had inadvertently collapsed into the bottom of the boring prior to installing the PVC screen and riser. A bentonite seal was placed above the sand pack and the remaining annulus was filled with cement/bentonite grout. The top of each PVC riser was equipped with a locking cap, and specially-bolted steel protective curb boxes were placed over the wells and cemented in place.

A DAY representative recorded pertinent information for the wells in a field log whereupon portions of the information were subsequently transcribed onto well logs. Copies of well logs for wells MW-8 and MW-9 are included in Appendix D. Field observations, PID readings, etc. that

were noted on soil samples from these two overburden/interface wells are summarized as follows:

- Fill material generally consisting of sand, gravel and silt with lesser amounts of brick and coal, was encountered in each test boring. The fill material in wells MW-8 and MW-9 extended from the ground surface to depths of approximately four feet and six feet, respectively.

- Soils beneath the fill material generally consisted of silt with lesser amounts of sand, clay and gravel. Rock fragments were encountered in the soil sample collected prior to auger refusal in well MW-8. The bedrock underlying the overburden soils consisted of gray Lockport Dolomite.

- Prior to drilling through bedrock, evidence that the groundwater table had been intercepted (i.e., wet soil samples and/or standing water in the test boring) was encountered in the test borings for MW-8 and MW-9 at depths of approximately 7.8 feet and 7.1 feet below the ground surface, respectively.

- Field evidence of suspect contaminated soil (i.e., PID readings greater than 5.0 ppm, odors, staining, etc.) was observed on soil samples from the boring for well MW-8. The contamination was typically observed in the soils at a depth interval of 0 to 4 feet below the ground surface and another interval was encountered at a depth of approximately 9.5 feet below the ground surface. The peak PID reading measured on a soil sample from MW-8 was 219 ppm at a depth of approximately 9.5 feet below the ground surface, and petroleum-type odors were noted on this sample. Field evidence of suspect contaminated soil was not observed on soil samples from the boring for well MW-9.

Well Development

The monitoring wells MW-2 and MW-3 were developed by DAY on April 24, 2000. Overburden/bedrock interface wells MW-8 and MW-9 were developed by DAY on May 10, 2000. These wells were developed to remove some of the drill water utilized during advancement of the test borings, remove drill cuttings that were generated, and ultimately to restore natural hydraulic properties at the well locations. Well development was performed utilizing disposable bailers with dedicated cord. No fluids were added to the wells during development, and well development equipment was decontaminated prior to development of the well. The well development procedures included the removal of groundwater from the wells to remove fine sediments from the well screens and associated sand packs. Water quality readings (i.e., pH, conductance, and temperature) were collected before, during and after development. Copies of well development logs for these wells are included in Appendix E.

Well Sampling

On May 15 & 16, 2000, wells MW-2, MW-3 MW-8, and MW-9 were purged by removing more than three well casing volumes of groundwater, and a groundwater sample was collected from each well (designated as samples 2089-W2-01, 2089-W3-01, 2089-W8-01 and 2089-W9-01) for

subsequent laboratory analysis. DAY also looked for non-aqueous phase liquid (NAPL) in each well by using visual observations and a Heron Oil/Water Interface Meter Model HOIL. Evidence of NAPL was not encountered in the wells located on the Grammatico parcels. Copies of well sampling logs are included in Appendix E.

Decontamination Procedures and Study-Derived Wastes

Drilling, development and sampling equipment used during the groundwater evaluation were decontaminated prior to being used at each location by steam cleaning or implementing the following procedures: 1) rough wash in tap water; 2) wash in mixture of tap water and alconox soap; 3) double rinse with distilled or deionized water; and 4) air dry and/or dry with clean paper towel.

Drill cuttings, decontamination water, well development and sampling purge water, etc. that were generated during the groundwater evaluation work were placed in NYSDOT-approved 55-gallon drums that were labeled and are staged onsite until a proper disposal method can be determined.

2.5 Analytical Testing - Grammatico Parcels

Analytical testing services on this project were provided by Paradigm Environmental Services, Inc. (Paradigm) and Columbia Analytical Services, Inc. (CAS). Paradigm and CAS are New York State Department of Health (NYSDOH) approved laboratories. The following laboratory program was implemented on samples that were collected from test boring or well locations on the Grammatico parcels:

Soil Samples

Nine soil samples were submitted for analytical laboratory testing. The specific locations, depth intervals, and test parameters for soil samples collected on the Grammatico parcels and City parcels are illustrated on Table 1 included in Appendix B, and the samples collected from the Grammatico parcels are further summarized as follows:

- Four samples (designated as 2089-08, 2089-09, 2089-17, and 2089-26) for New York State Department of Environmental Conservation (NYSDEC) STARS-list base/neutral semi-volatile organic compounds (SVOCs) using United States Environmental Protection Agency (USEPA) Method 8270.

- Five samples (designated as 2089-08, 2089-09, 2089-14, 2089-26, and MW-8) for USEPA target compound list (TCL) and NYSDEC STARS-list VOCs using USEPA Method 8260. Three of these samples were re-analyzed (samples designated as 2089-08R, 2089R-09, and 2089R-14) utilizing a lower or no dilution factor, since constituents were not detected in the original samples that had been analyzed at a higher dilution factor.

- Six samples (designated as 2089-08, 2089-09, 2089-16, 2089-17, 2089-26, and MW-8) for total petroleum hydrocarbons (TPH) using NYSDOH Method 310.13.

- Two samples (designated as 2089-11 and 2089-14) for total RCRA metals. These samples were collected near the ground surface and consisted of fill material that was suspected to contain heavy metals (i.e., ash, etc.).

- One sample (designated as 2089-17) for Polychlorinated Biphenyls (PCBs) using USEPA Method 8080.

Groundwater Samples

Four groundwater samples (designated as 2089-W2-01, 2089-W3-01, 2089-W8-01 and 2089-W9-01) were submitted for analytical laboratory testing. The samples collected from the Grammatico parcels were tested for USEPA TCL and NYSDEC STARS-list VOCs using USEPA Method 8260 and for TPH using NYSDOH Method 310.13. The test parameters for the groundwater samples collected on the Grammatico parcels are illustrated on Table 2 included in Appendix B.

Quality Assurance/Quality Control (QA/QC)

In order to provide control over the collection, analysis, review, and interpretation of analytical data for samples collected from Grammatico parcels, the following QA/QC samples were included as part of this environmental study:

- Trip blanks that accompanied shipments containing VOC samples from Grammatico parcels were analyzed for VOCs using USEPA Method 8260.

- One matrix duplicate was analyzed for each 20 samples or less of each matrix (i.e., soil and groundwater) that was collected from Grammatico parcels.

- One rinsate sample (designated sample FB) was analyzed for VOCs, SVOCs, PCBs, TPH and total RCRA metals during sampling at Grammatico parcels.

Analytical Laboratory Test Results

Copies of analytical laboratory test results for samples from the Grammatico parcels, as well as from the City parcels, are included in Appendix F. The analytical laboratory reports also include the results of the QA/QC that was performed. Tables summarizing the analytical laboratory data are included in Appendix B and the test results for samples collected from the Grammatico parcels are further discussed as follows:

Soil Samples

- As shown on Table 3 included in Appendix B, various weights (i.e., light, medium, and heavy) of TPH were detected in soil samples that were collected from the Grammatico parcels. The analytical laboratory identified the detected TPH in one or more of the samples as diesel, lube oil, and mineral spirits [Note: The laboratory reported that TPH identified as

"mineral spirits" could be "stoddard solvent" (i.e., these chemicals are used for paint thinning, and as dry cleaning solvent) since they are comprised of similar weight constituents that appear the same on the analytical laboratory chromatograms]. The total concentrations of TPH detected in the soil samples ranged between 120 mg/Kg or ppm and 4,660 mg/Kg or ppm. The NYSDEC's Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels (TAGM 4046) dated January 24, 1994 indicates that the soil cleanup objective for total VOCs is 10 ppm and for total SVOCs is 500 ppm. TPH is comprised primarily of VOCs and SVOCs. Also, although regulatory agencies in New York State have no specific cleanup criteria for TPH in soil, the NYSDEC and MCDOH in the Rochester, New York area have used a TPH cleanup value of 500 ppm for other commercial redevelopment projects. Based on these considerations, the TPH test results for at least two of the soil samples collected from the Grammatico parcels (i.e., samples from MW-8 and TB-8) indicate that regulatory agencies will likely require the remediation of TPH in these two locations.

- As shown on Tables 4A through 4C included in Appendix B, only the VOC sec-Butylbenzene was detected in sample 2089-26 at a concentration of 17.3 parts per billion (ppb) and in sample 2089-09R at a concentration of 50.9 ppb, which are below the TCLP alternative soil guidance value (i.e., cleanup value) of 100 ppb as referenced in the August 1992 NYSDEC Spill Technology and Remediation Series, STARS Memo #1, Petroleum-Contaminated Soil Guidance Policy (STARS Memo #1). No TCL and STARS-list VOCs were detected above analytical laboratory detection limits in the other samples from the Grammatico parcels that were tested.

- As shown on Table 5 included in Appendix B, STARS-list SVOCs were not detected above analytical laboratory detection limits in the four samples that were tested.

- As shown on Table 6 included in Appendix B, PCBs were not detected above analytical laboratory detection limits in the sample that was tested.

- As shown on Table 7 included in Appendix B, the RCRA metals arsenic, barium, chromium, lead, mercury and selenium were detected in one or both of the two soil samples that were tested. The concentration of mercury detected in each sample (i.e., 0.192 ppm in sample 2089-11 and 0.580 ppm in sample 2089-14) exceed the January 24, 1994 NYSDEC TAGM 4046 recommended soil cleanup objective of 0.1 ppm for mercury. The higher detected concentration of mercury (i.e., 0.580 ppm) also exceeded the typical background range of mercury (i.e., 0.001 to 0.2 ppm) as referenced in NYSDEC TAGM 4046.

Groundwater Samples

- As shown on Table 8, light weight TPH identified as mineral spirits or stoddard solvent was detected in two of the four groundwater samples at estimated concentrations of 52 ppb and 10 ppb. There are no NYSDEC cleanup criteria for TPH in groundwater.

- As shown on Table 9, TCL and STARS-list VOCs were not detected above analytical laboratory detection limits in the four samples that were tested.

[Note: Even though little or no VOCs or TPH were detected in these groundwater samples, field evidence suggests the presence of contamination in the saturated zone in three of the wells (MW-2, MW-3 and MW-8) on the Grammatico parcels. This field evidence includes: a peak PID reading of 9.3 ppm, dark staining, and petroleum-type odors on a saturated soil sample at a depth of 9.5 feet in MW-2; a peak PID reading of 340 ppm, and gray and black stained soil, on a saturated soil sample at a depth of 11 feet in MW-3; and a peak PID reading of 219 ppm, and petroleum-type odors, on a saturated soil sample at a depth of 9 to 10 feet in MW-8. Several explanations for not detecting significant concentrations of VOCs or TPH in the groundwater are possible. For example, a significant quantity of clean drill water (i.e., a total of approximately 1,900 gallons of potable water) was lost at the overburden/bedrock interface at wells MW-8 and MW-9 during rock coring. Although the wells were developed and purged prior to sampling, a portion of this drill water may have still been present on-site during the groundwater sampling event on May 15 and May 16, 2000, and could have diluted the amount of contaminants in the test samples. Also, it is possible that the elevated PID readings measured are attributable to non-target compounds. Additional groundwater sampling and laboratory analysis would be needed to further evaluate and confirm whether contaminants at concentrations of concern are present in groundwater at the Site.]

2.6 Studies Performed on Adjoining/Nearby City Parcels

In conjunction with the environmental studies conducted on the Grammatico parcels, similar environmental studies were performed by DAY on the adjoining City parcels located to the west and east (refer to Figures 2, 3 and 4 included in Appendix A). The studies on the City parcels included the electromagnetic geophysical survey, test pit excavating, test boring evaluation, groundwater evaluation, the removal of three USTs and one in-ground lift, and the removal of approximately 100 tons of petroleum-contaminated soils in accordance with applicable regulations. The soils are currently staged on the 14-16 Charlotte Street parcel on, and covered with, polyethylene plastic sheeting. These soils are being characterized for off-site disposal.

On June 6, 2000, two 500-gallon gasoline USTs (designated as Tank 001 and Tank 002), one 1,000-gallon UST (designated as Tank 003), and an in-ground hydraulic lift were removed in accordance with applicable regulations from the City parcel addressed as 14-16 Charlotte Street (refer to Figure 2 included in Appendix A). Evidence of volatile or petroleum-type suspect contamination (i.e., odors, stained soils, etc.) was detected in the tank and lift excavations. Approximately 100 tons of contaminated soil was removed from the UST and lift excavations.

During the environmental studies performed, evidence of contamination was encountered in soil and groundwater on the City's 14-16 Charlotte Street parcel and the City's 48-60 Charlotte Street parcel. Figures included in Appendix A illustrate the locations of work conducted on the City's parcels. The analytical test results for soil and groundwater samples that were collected from the City's parcels are summarized on the tables included in Appendix B, and the findings are summarized below:

- The results of TPH testing indicate that 14-16 Charlotte Street parcel is contaminated with kerosene, gasoline, lube oil, and diesel. This contamination appears attributable to on-site

sources (i.e., former underground storage tanks and in-ground hydraulic lift) and possibly unidentified off-site sources. Concentrations of TPH detected in soil samples on this parcel range between 17.5 ppm and 23,800 ppm.

- The results of TPH testing indicate that the 48-60 Charlotte Street parcel is contaminated with mineral spirits or stoddard solvent, and lube oil. This contamination appears attributable to unidentified off-site sources.

- Concentrations of VOCs and SVOCs exceeding NYSDEC soil and groundwater criteria were detected in samples collected on the 14-16 Charlotte Street parcel.

- PCBs were not detected in a soil sample collected near the former hydraulic lift on the 14-16 Charlotte Street parcel.

- Mercury was detected in a sample of fill material at a concentration of 0.395 ppm, which exceeded the typical background range and recommended cleanup objective for mercury as referenced in the NYSDEC TAGM 4046.

2.7 Potentiometric Map

The location of the wells on City parcels and Grammatico parcels were tape-measured in relation to existing site structures or to surveyed site boundaries, and a licensed land surveyor surveyed their elevations. DAY collected static water level measurements from each well on June 23, 2000. The well elevations, static water levels and calculated groundwater elevations are included on Table 10 in Appendix B. DAY developed a groundwater potentiometric map using this data. A copy of the potentiometric map (Figure 5) is included in Appendix A. As shown, groundwater at the Grammatico parcels for June 23, 2000 appears to generally flow toward the east/northeast.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Various studies were performed in an effort to evaluate environmental conditions on the Grammatico parcels (i.e., 26 to 42 Charlotte Street) and on adjoining/nearby parcels owned by the City of Rochester. These studies included: a site reconnaissance; an electromagnetic geophysical survey followed by shallow test pits to evaluate magnetic anomalies; advancement of test borings; installation of groundwater monitoring wells; field observations and PID screening on soil and groundwater samples; collection and analytical testing of soil and groundwater samples; development of a groundwater potentiometric map illustrating groundwater flow conditions; and evaluation of the data collected.

Conclusions

The conclusions of the studies performed on the Grammatico parcels are summarized as follows:

- A former floor drain with a catch basin/sump, and an inactive in-ground hydraulic lift located inside the existing building on the 42 Charlotte Street parcel contain materials (e.g., oil, suspected contaminated sediments and liquids, etc.) that require special characterization, handling and disposal. These structures were not fully evaluated as part of DAY's studies performed to date. Since it is understood that the structure at 42 Charlotte Street will be demolished in the future, these identified environmental concerns will be addressed at that time.

- Areas of magnetic anomaly were detected on the Grammatico parcels; however, observations made on excavated and in-situ materials in shallow test pits did not encounter evidence of UST systems (i.e., piping, tanks, etc.). It is currently unknown whether a UST is located beneath the existing building on the 42 Charlotte Street parcel since the original concrete floor in the building remains intact.

- The metal mercury was detected in fill material samples at concentrations exceeding its typical background range and the NYSDEC recommended cleanup objective. The source of the mercury appears attributable to the on-site fill material.

- Evidence of petroleum-contaminated soils was encountered on the Grammatico parcels. Soil samples contained concentrations of TPH that regulatory agencies will likely require be addressed (e.g., remediated, controlled, etc.). TPH-contaminated soils were detected by the analytical laboratory in samples of soil from the unsaturated zone at some of the test locations on the Grammatico parcels (i.e., well MW-8 at 0-2', test boring TB-8 at 6', and test boring TB-16 at 1.5'). Since this petroleum contamination was detected in samples of unsaturated soil above the water table, some of the TPH contamination on the Grammatico parcels appears attributable to on-site sources. Petroleum or VOC contamination detected in the saturated zone may be attributable to both on-site and off-site sources. Potential on-site sources identified to date include:

    - former USTs on the Grammatico parcels as identified in DAY's Phase I ESA report dated May 15, 1997;

- the inactive in-ground hydraulic lift located inside the existing building on the 42 Charlotte Street parcel;
- the former floor drain and catch basin/sump that is located in the existing building on the 42 Charlotte Street parcel; and
- drums previously observed on the 28-30 and 32-34 Charlotte Street parcels as documented in DAY's Phase I ESA report dated May 15, 1997 (see photograph in Appendix G).

- PID readings up to 851.0 ppm were measured on samples of contaminated soil that were collected from the Grammatico parcels. The PID readings are likely attributable to the VOCs that are present in the types of contamination that was documented at this Site (i.e., diesel, mineral spirit/stoddard solvent, etc.). The approximate area of the Grammatico parcels appearing to require remediation or engineering controls based on the detected PID readings and analytical laboratory test results is shown on Figure 6 included in Appendix A.

In April 2000, the City of Rochester notified the NYSDEC of the preliminary field findings of the environmental studies that were being performed on the Grammatico parcels and the adjoining/nearby City parcels. The NYSDEC generated an active spill number (NYSDEC Spill #0070043) to the Grammatico and City parcels addressed as 26-60 Charlotte Street. A separate active spill number (NYSDEC Spill #0070044) was assigned to the City parcel addressed as 14-16 Charlotte Street. A spill file with an active status indicates further investigation and/or remediation is warranted.

The results of the environmental studies that were performed on the Grammatico Site were discussed with Mr. Joseph Albert of the MCDOH during a July 10, 2000 telephone conversation. Specifically, DAY described the scope of the environmental work performed and the findings. This included a description of the existing Site use, the analytical test results, field observations and the peak PID readings measured at each test location. DAY requested Mr. Albert to provide input on what environmental measures would be necessary to redevelop the Grammatico parcels with one commercial building. Based on the findings of DAY's environmental studies performed to date, Mr. Albert indicated that the MCDOH would accept commercial redevelopment of the Grammatico parcels provided that at a minimum, the following issues were addressed:

- The full extent of on-site and off-site sources of contamination need to be identified (i.e., establish where contamination is coming from).

- Unsaturated soil containing elevated concentrations of TPH and/or elevated PID readings should be removed and treated/disposed. Mr. Albert suggested that 500 ppm may be an appropriate cleanup number for TPH for this Site.

- Environmental engineering controls and long-term monitoring would likely be required on the new commercial building to prevent the infiltration of VOC vapors into the building.

- Depending upon the locations of the source(s) of contamination, environmental engineering controls would likely be required on other areas of the Site (i.e., along property boundaries, in proximity to localized on-site areas of contamination, etc.).

- Deed restrictions would likely be required to prevent future changes in use of the Site (e.g., change use from commercial to residential) without further evaluating exposure risks, etc.

Recommendations

Assuming the building on the 42 Charlotte Street parcel is to be demolished, that the building on the 26 Charlotte Street Grammatico parcel continues to be used for residential purposes, and that the 28-42 Charlotte Street Grammatico parcels will be redeveloped with a commercial building, the following recommendations are made:

- The full extent of on-site and off-site sources of contamination should be identified through further on-site and off-site studies.

- An environmental management plan (EMP), including a site-specific health and safety plan (HASP) should be developed to address environmental conditions during redevelopment activities at the Grammatico parcels. The EMP and HASP would in part be used to assist in the proper handling and disposal of contaminated media during the redevelopment and to assist in protecting construction workers and nearby residents/occupant of adjoining properties against exposures to site contaminants. Regulatory agencies should be offered the opportunity to review and comment on the EMP and HASP. It is anticipated that the EMP would include the following actions for addressing environmental conditions at the site.

    - Areas of localized petroleum-contaminated unsaturated soil (soil above the water table) that exceed NYSDEC cleanup criteria (i.e., in proximity well MW-8 at 0-2', test boring TB-8 at 6', and test boring TB-16 at 1.5') should be removed and disposed at an approved landfill or treated to acceptable concentrations below cleanup criteria.

    - When the existing building on the 42 Charlotte Street building is demolished, the in-ground hydraulic lift, the former floor drain with a catch basin/sump, and any contents in these structures should be properly characterized, removed, handled and disposed of in accordance with applicable regulations. Also, work should be performed to confirm the presence or absence of an UST beneath this building. If an UST exists, it would need to be permanently closed (i.e., removed) in accordance with applicable regulations.

    - During demolition of the existing building on the 42 Charlotte Street building, and during redevelopment activities that would potentially disturb contaminated media, environmental monitoring (air monitoring with a PID and particulate meter; visual observations; etc.) should be conducted to evaluate the disturbed materials for the presence of various types of contamination. This monitoring would assist in preventing potential exposures to contaminated media (i.e., environmental monitoring will assist in determining how the work is done and what level of personal protective equipment is appropriate, such as the use of air purifying respirators, gloves, etc.). The EMP should also contain guidance on how to address (e.g., identify, characterize, remove, handle, dispose, etc.) contaminated materials, tanks, drums, etc., if encountered.

- Since elevated concentrations of the heavy metal mercury were detected in near surface soil samples, a minimum half-foot thick layer of clean soil covering the existing soil may be required by regulatory agencies in areas not covered by the new building or by paved surfaces (i.e., driveways, parking lots, sidewalks, etc.). Surface soil/fill contaminated with mercury that can not be re-used on-site will likely require removal and off-site disposal at an approved facility (e.g., landfill).

- Based on the PID readings and TPH concentrations detected in soil samples, the MCDOH has indicated environmental engineering controls (i.e., vapor barriers, passive or active venting systems, etc.) and deed restrictions are warranted for the anticipated new commercial building in order to prevent VOC vapors in soil or groundwater from volatilizing and contaminating the indoor air inside the new building. Confirmatory air sampling and testing should be conducted inside the building subsequent to its construction. Also, environmental engineering controls may be required along one or more property boundaries on the Grammatico parcels to mitigate off-site contamination from entering soil or groundwater on Grammatico parcels in the future.

- Air sampling with a PID and flame ionization detector (FID) and/or air sampling and subsequent analytical testing should be conducted on the ambient air in the residence at 26 Charlotte Street to evaluate the air for the presence of VOCs that were detected in soil and groundwater in proximity to this structure. Further work would be warranted if VOCs were detected at concentrations above regulatory agency (e.g., permissible exposure limits, etc.).

- A long-term monitoring program should be instituted subsequent to redevelopment activities. The long-term monitoring would include monitoring environmental engineering controls, and groundwater monitoring and analytical testing. As part of this task, it is presumed that the existing groundwater monitoring wells would be decommissioned and that new wells would be installed as a result of redeveloping the Site.

PROJECTED REMEDIATION COSTS

Assuming non-prevailing wage rates, the estimated range of costs associated with addressing the environmental conditions on the Grammatico parcels so that it can be redeveloped/used as previously identified are as follows:

Contractor Costs ..... $30,000 to $51,000

Time and material for installation of environmental engineering controls beneath building and along site boundaries (assumes 30,000 to 40,000 SF of poly vapor barrier, 500 to 800 LF of vent piping, excavation of 300 to 500 CY of soil, installation of 300 to 600 CY of size 5 stone for bedding, etc.). Also includes heavy equipment and labor costs for removal of 1,000 tons of contaminated soil, heavy equipment and labor costs for placement and compaction of 1,000 tons of clean soil/select fill, and time and material for decommissioning of four existing wells/installing four new wells.

Engineering/Consulting ..... $ 30,000 to $40,000
Costs to conduct further limited environmental studies on-site (e.g., around the perimeter of the Site, in proximity to the existing building on the 42 Charlotte Street building, etc.); develop EMP, HASP, including environmental engineering control designs; develop reports; and attend meetings with regulatory agencies, owner, contractors, and developer.

Construction Oversight Costs ..... $12,000 to $20,000
Cost of 20 to 35 days of construction oversight/environmental monitoring.

Transportation and Disposal of Contaminated Soil $40,000
Estimated cost for transport and disposal of 1,000 tons of soil at $40/ton as a non-hazardous waste.

Clean Fill For Soil Excavations $12,000
Estimated cost for 1,000 tons of fill at $12/ton.

Clean Soil Cover Over Fill $2,000
Estimated cost to cover ~20% of area of Grammatico parcels with 6-inch layer of topsoil (i.e., approximately 133 tons at $15/ton).

Removal and Disposal of Existing In-Ground Lift And Drain $2,500
Estimated cost for removal and disposal as a non-hazardous waste.

Confirmatory And Long Term Monitoring Costs ..... $20,000 to $30,000
Estimated cost to perform one round of indoor air samples, waste characterization, analysis of 10 to 20 confirmatory samples, and analysis of 8 rounds of quarterly groundwater samples from 4 wells. Also, includes implementing long-term monitoring of environmental engineering controls for two years.

TOTAL PRELIMINARY ESTIMATED COST = $148,500 to $197,500

The above costs are preliminary estimates based upon the currently available information. As discussed in this report, additional studies/testing are recommended. The findings of additional studies/testing should better define the remediation costs required for this Site.

The NYSDEC and the MCDOH should be provided a copy of the results of the environmental studies performed to date. The actual costs associated with addressing the contamination with the assumption that the Site will be redeveloped with a commercial building will also be dependent upon NYSDEC and MCDOH input.

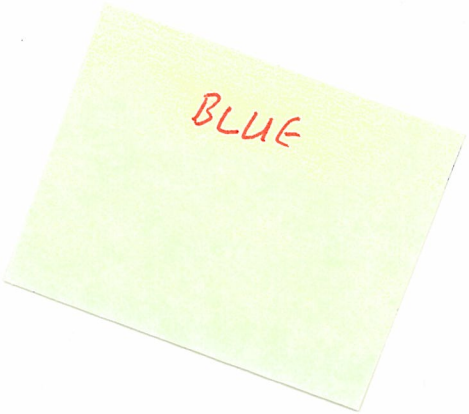
It is anticipated that the costs to redevelop the Site for residential purposes would be higher than shown above. Regulatory agencies would likely require that contamination on the Site be more aggressively remediated, controlled, monitored, etc.

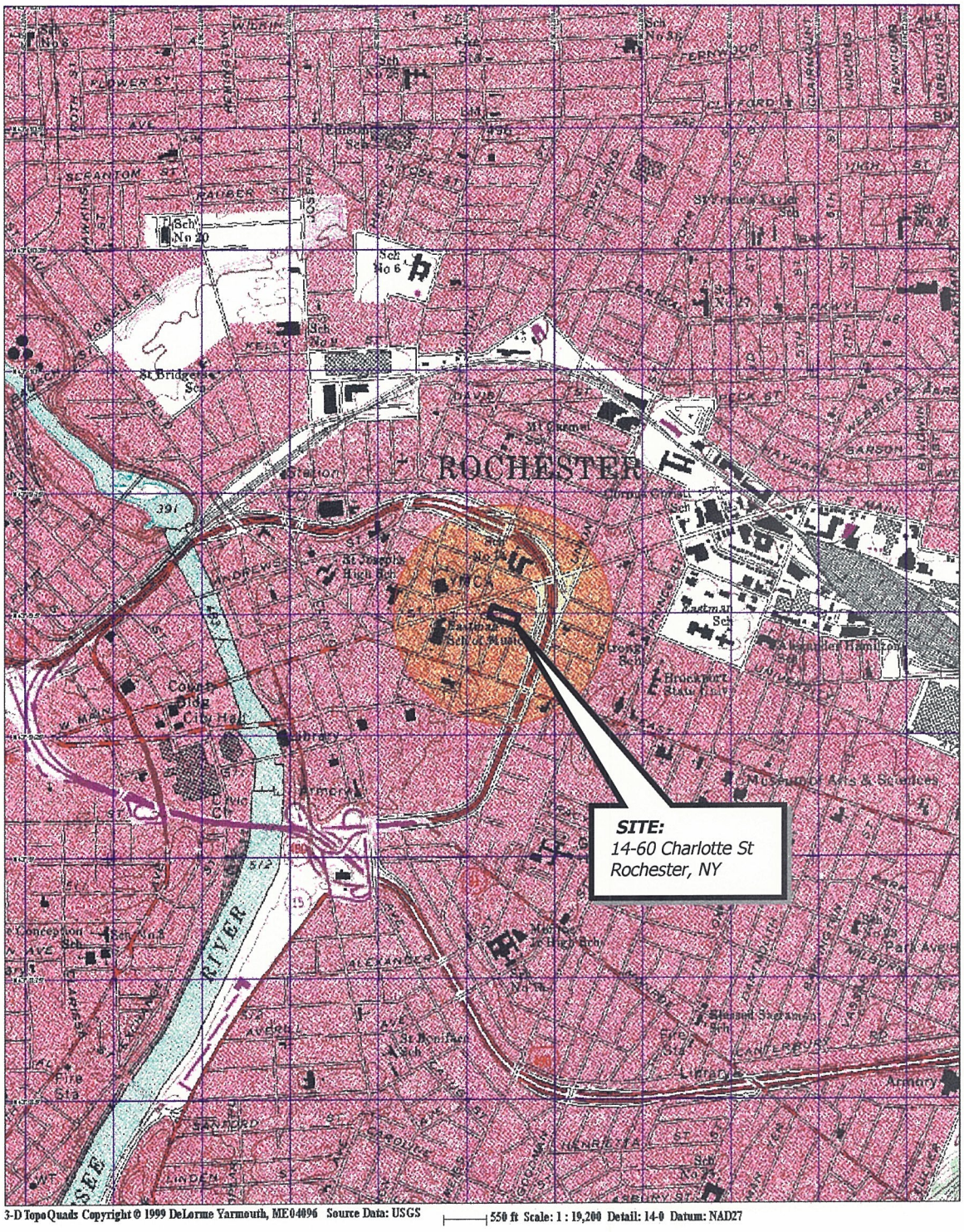
4.0 ABBREVIATIONS

COC	Chain-Of-Custody
CY	Cubic Yard
DAY	Day Environmental, Inc.
FID	Flame Ionization Detector
HASP	Health and Safety Plan
ID	Inner Diameter
LF	Linear Feet
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NAPL	Non-Aqueous Phase Liquid
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
PCB	Polychlorinated Biphenyls
PID	Photoionization Detector
PPB	Parts Per Billion
PPM	Parts Per Million
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
SACM	Suspect Asbestos-Containing Material
SF	Square Feet
SVOC	Semi-Volatile Organic Compound
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound

APPENDIX A

Figures and Maps





Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad map Rochester East (NY) 1995. Site Lat/Long: N43d-9.50' – W77d-35.90'

DATE 06/14/2000 DRAWN BY Tww SCALE 1" = 2000'	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14623-2700	PROJECT TITLE 14-60 CHARLOTTE STREET ROCHESTER, NEW YORK PHASE II ENVIRONMENTAL STUDY DRAWING TITLE PROJECT LOCUS MAP	PROJECT NO. 2089S-99 FIGURE 1 SHEET 1 OF 1

Ref1: DayEnv_AnsiB
Ref2:
Ref3:

LEGEND

—— –℄– —— Property Line

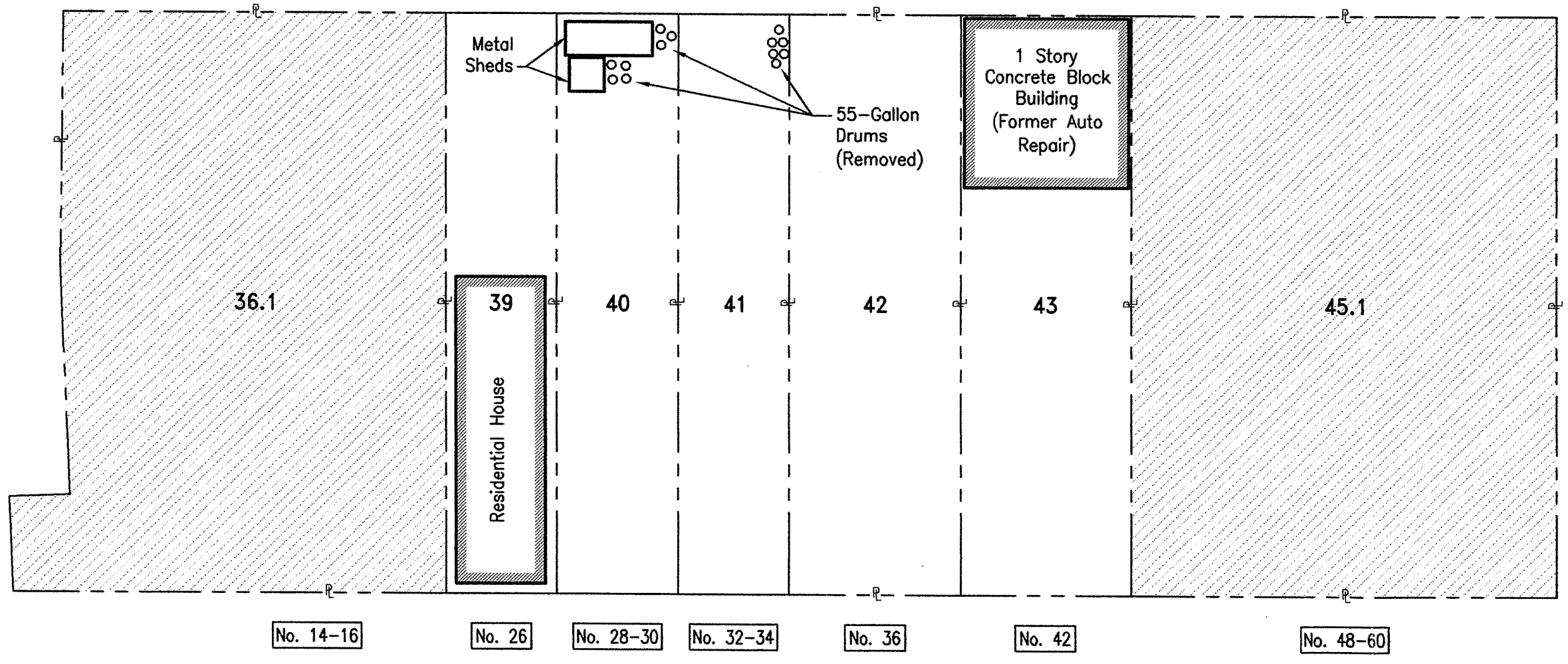
41 Lot Number

No. 32–34 Charlotte Street Addresses

Property Owned By The City Of Rochester

Property Owned By Louis Grammatico

N



SITE PLAN

SCALE: 1" = 30'

NOTE:

Site Plan Produced From a Tax Map Of The City Of Rochester.

DATE	5/2000
FIELD VERIFIED BY	JAD
DATE DRAWN	5/31/2000
DRAWN BY	RJM/Tww
DATE ISSUED	7/10/2000
SCALE	1" = 30'

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14623-2700

PROJECT TITLE
14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK
PHASE II ENVIRONMENTAL STUDY

DRAWING TITLE
SITE PLAN

PROJECT NO.
2089S-99

FIGURE 2

SHEET 1 OF 1

DayEnv_AnsiB
11x17

Time Plotted: Mon July 10, 14:25 2000
File Name: \Phaseii\2089\2089S-1.dwg

Ref1: DayEnv_AnsiB
Ref2:
Ref3:

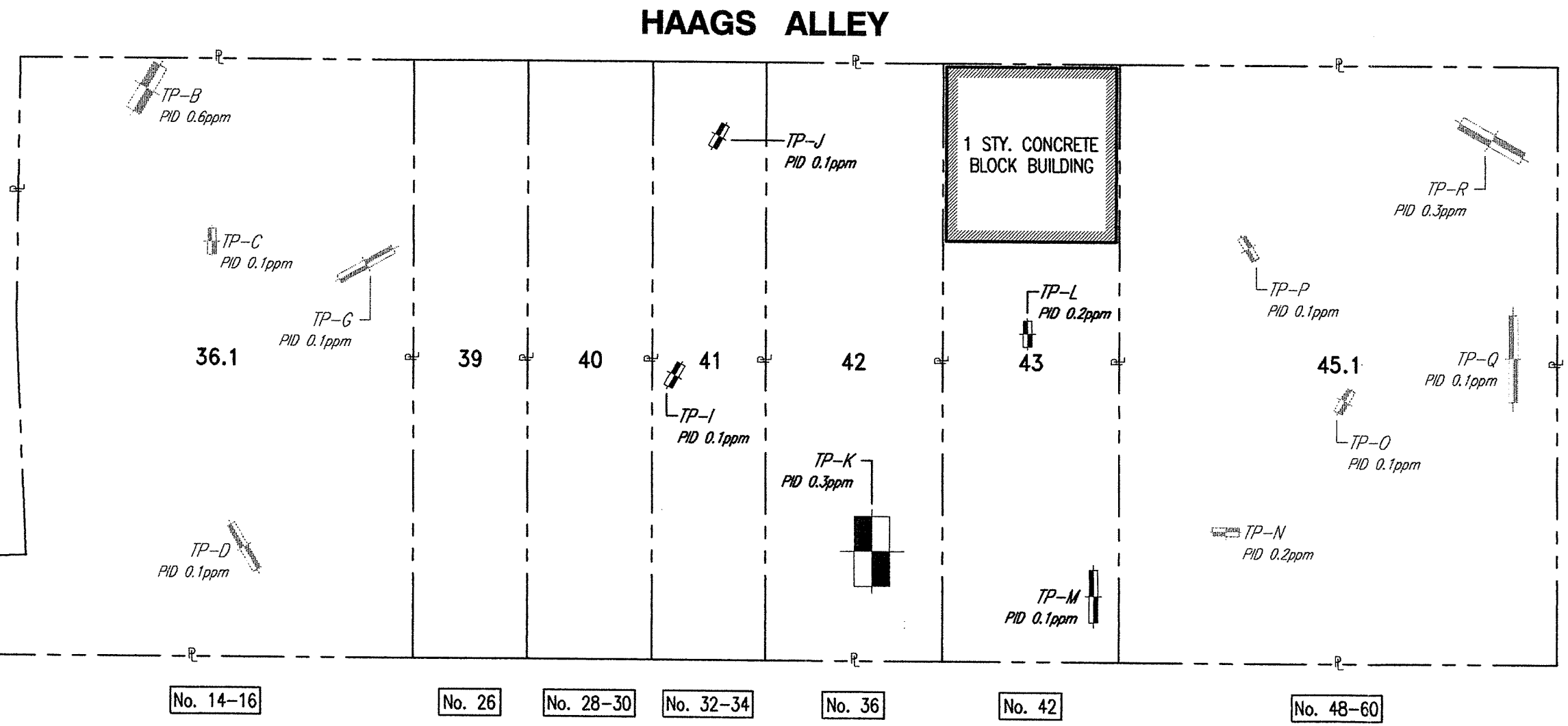
LEGEND

—— —℄— —— Property Line

41 Lot Number

No. 32–34 Charlotte Street Addresses

TP–C
PID 0.1ppm — Approximate Test Pit Location With Peak Photoionization Detector (PID) Reading Recorded In Parts Per Million (ppm)



SITE PLAN

SCALE: 1" = 30'

NOTE:

Site Plan Produced From a Tax Map Of The City Of Rochester.

FIELD VERIFIED BY	DATE	DRAWN BY	DATE DRAWN	SCALE	DATE ISSUED
JAD	5/2000	RJM	6/01/2000	1" = 30'	7/10/2000

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14623-2700

PROJECT TITLE
14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

PHASE II ENVIRONMENTAL STUDY

DRAWING TITLE
TEST PIT LOCATION MAP - EM61 ANOMALIES

PROJECT NO.
2089S-99

FIGURE 3

SHEET 1 OF 1

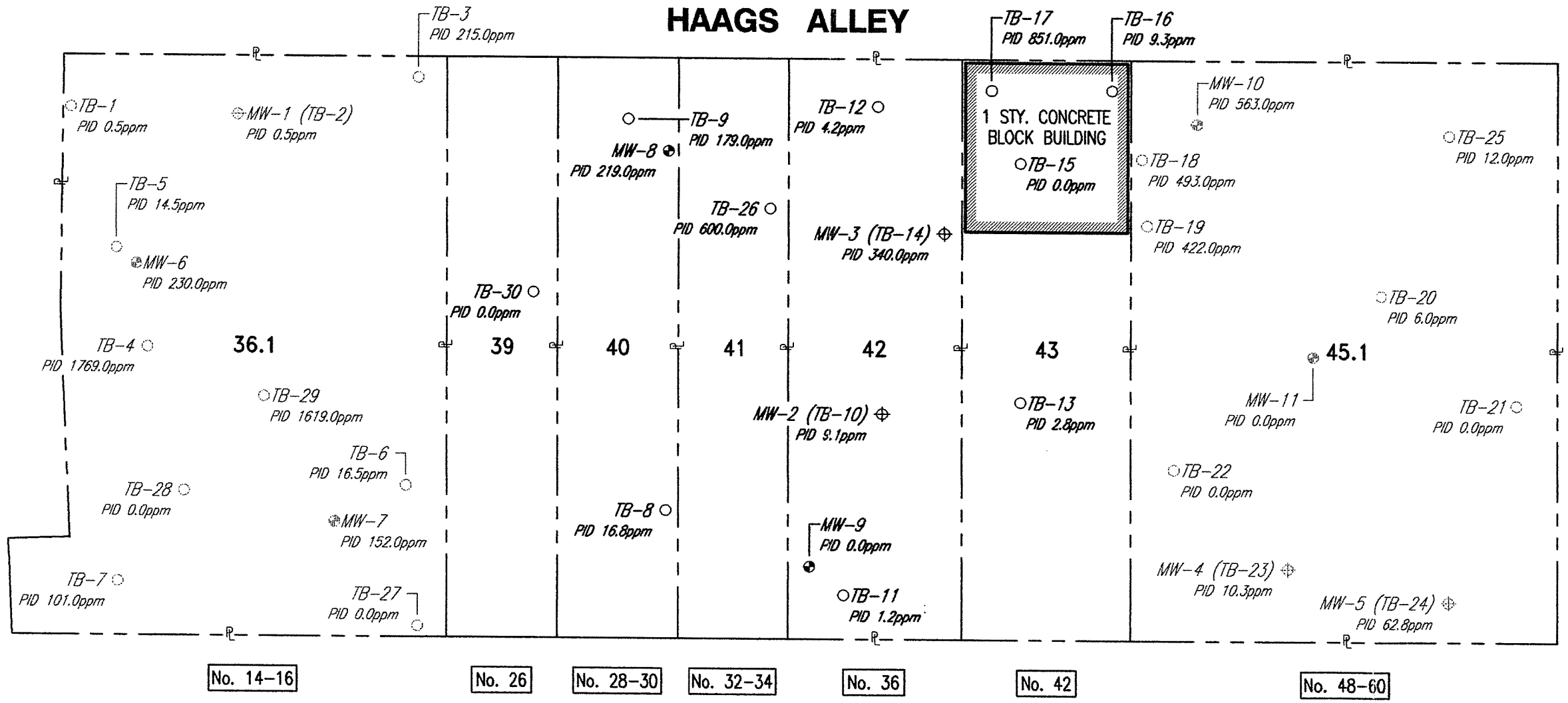
DayEnv_AnsiB
11x17

Time Plotted: Mon July 10, 10:20 2000
File Name: \Phase1\2089\2089S-2.dwg

Ref1: DayEnv_AnsiB
Ref2:
Ref3:

LEGEND

—— —℄— ——	Property Line
41	Lot Number
No. 32-34	Charlotte Street Addresses
○TB-1 PID 0.5ppm	Approximate Geoprobe Test Boring Location With Peak Photoionization Detector (PID) Reading Recorded In Parts Per Million (ppm)
⊕MW-1 (TB-2) PID 0.5ppm	Approximate Overburden Geoprobe Monitoring Well Location With Peak PID Reading Recorded In ppm
⊛MW-6 PID 230.0ppm	Approximate Overburden/Bedrock Monitoring Well Location With Peak PID Reading Recorded In ppm



SITE PLAN

SCALE: 1" = 30'

NOTE:

Site Plan Produced From a Tax Map Of The City Of Rochester.

DayEnv_AnsiB
11x17
Time Plotted: Mon July 10, 10:25 2000
File Name: \Phase11\2089\2089S-3.dwg

DATE	5/2000
FIELD VERIFIED BY	JAD
DATE DRAWN	6/01/2000
DRAWN BY	RJM
DATE ISSUED	7/10/2000
SCALE	1" = 30'

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14623-2700

PROJECT TITLE
14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK
PHASE II ENVIRONMENTAL STUDY

DRAWING TITLE
TEST BORING AND WELL LOCATIONS
WITH PEAK PID READINGS

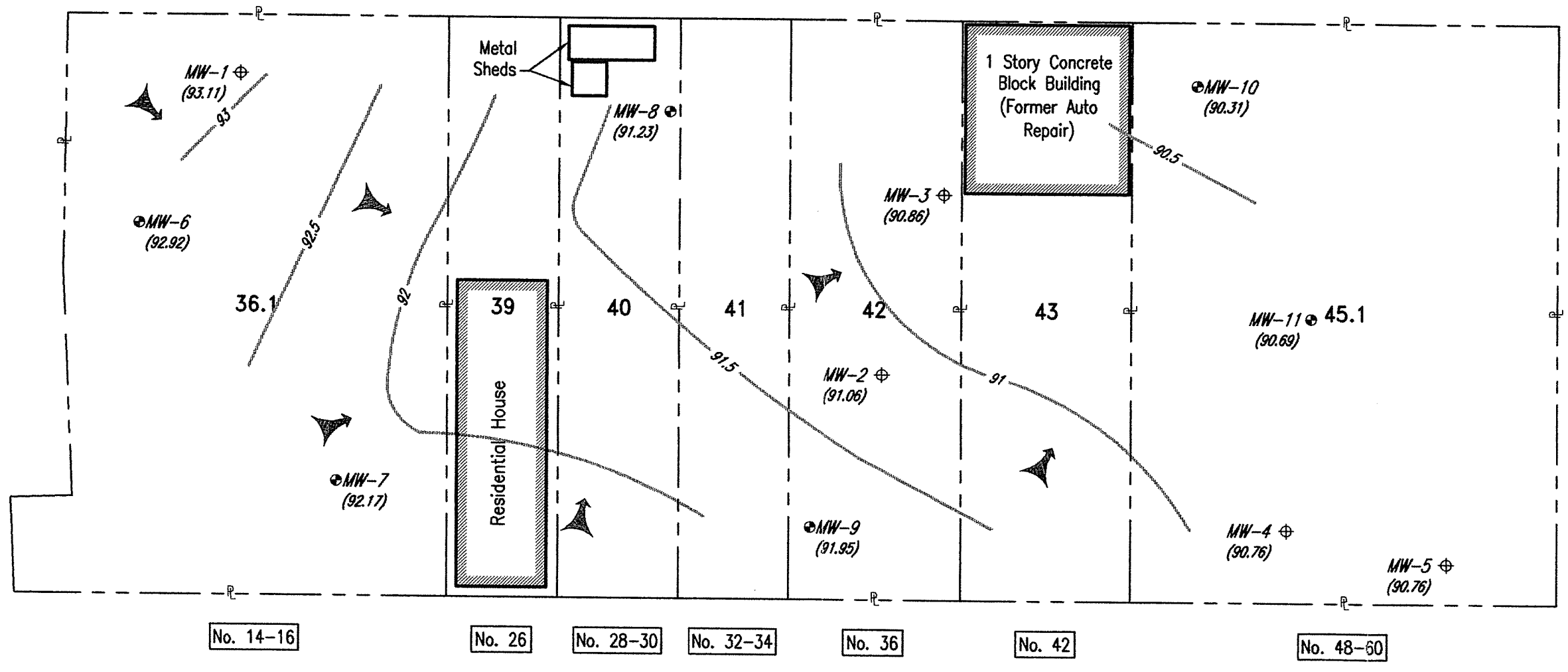
PROJECT NO.
2089S-99

FIGURE 4

SHEET 1 OF 1

LEGEND

—— —℄— ——	PROPERTY LINE
41	LOT NUMBER
No. 32–34	CHARLOTTE STREET ADDRESSES
93	POTENTIOMETRIC CONTOUR LINE
	APPROXIMATE DIRECTION OF GROUNDWATER FLOW
⊕MW–1 (93.11)	APPROXIMATE OVERBURDEN GEOPROBE MONITORING WELL LOCATION WITH GROUNDWATER ELEVATION, IN FEET, OBTAINED ON JUNE 23, 2000
⊕MW–6 (92.92)	APPROXIMATE OVERBURDEN/BEDROCK MONITORING WELL LOCATION WITH GROUNDWATER ELEVATION, IN FEET, OBTAINED ON JUNE 23, 2000



SITE PLAN

SCALE: 1" = 30'

NOTES:

1. SITE PLAN PRODUCED FROM A TAX MAP OF THE CITY OF ROCHESTER.
2. GROUNDWATER ELEVATIONS WILL VARY DUE TO SEASONAL FACTORS, PUMPING, ETC., AS SUCH THE POTENTIOMETRIC CONTOURS WILL ALSO VARY AND FLOW DIRECTION MAY BE DIFFERENT FROM THOSE SHOWN.

DATE	6/23/2000
FIELD VERIFIED BY	JAD
DATE DRAWN	6/26/2000
DRAWN BY	RJM/Tww
DATE ISSUED	7/10/2000
SCALE	1" = 30'

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14623-2700

PROJECT TITLE
14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK
PHASE II ENVIRONMENTAL STUDY

DRAWING TITLE
GROUNDWATER POTENTIOMETRIC CONTOUR MAP
FOR JUNE 23, 2000

PROJECT NO.
2089S-99

FIGURE 5

LEGEND

—— —℄— —— Property Line

41 Lot Number

No. 32-34 Charlotte Street Addresses

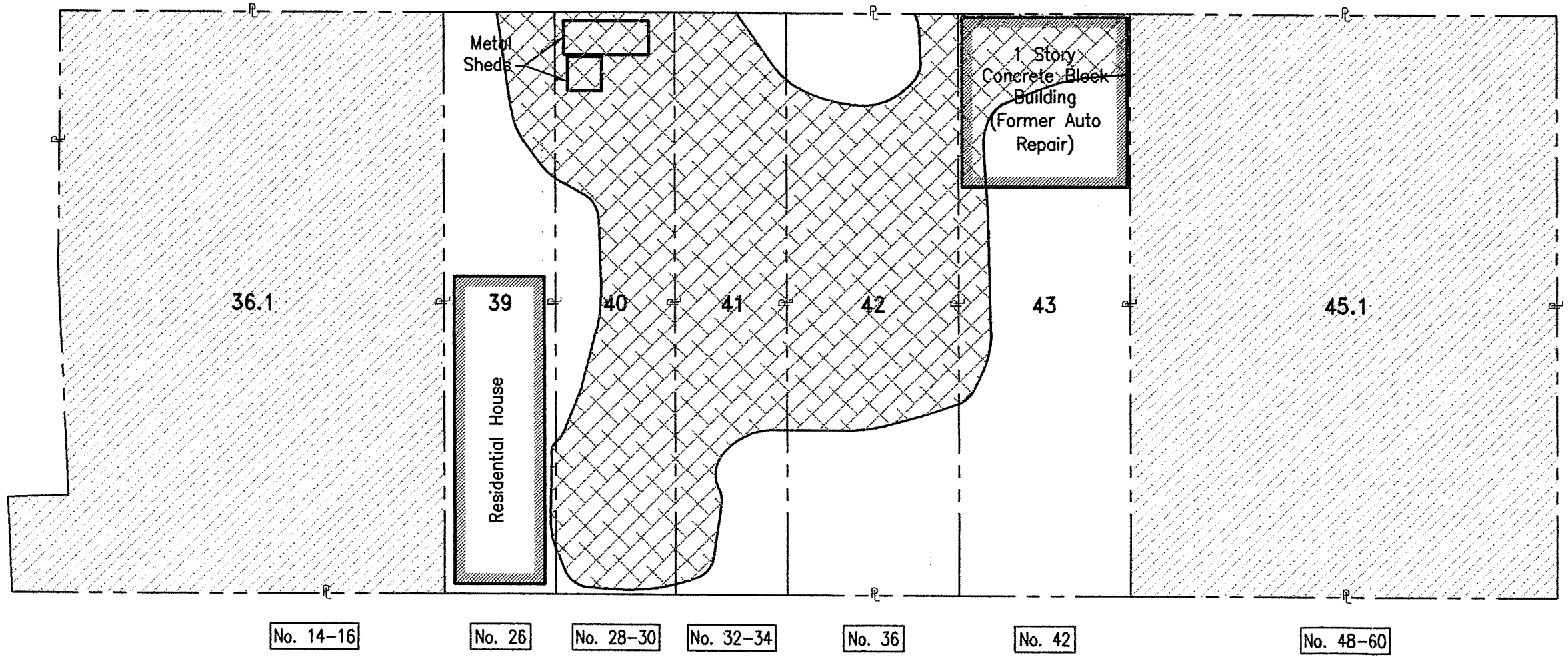
Property Owned By The City Of Rochester

Property Owned By Louis Grammatico

Approximate Area Currently Appearing To Require Remediation Or Environmental Engineering Controls Based On Detected PID Readings And Analytical Laboratory Test Results

N

HAAGS ALLEY



CHARLOTTE STREET

SITE PLAN

SCALE: 1" = 30'

NOTE:

Site Plan Produced From a Tax Map Of The City Of Rochester.

FIELD VERIFIED BY	DATE	DRAWN BY	DATE DRAWN	SCALE	DATE ISSUED
JAD	7/2000	RJM/Tww	7/10/2000	1" = 30'	8/14/2000

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14623-2700

PROJECT TITLE
14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK
PHASE II ENVIRONMENTAL STUDY

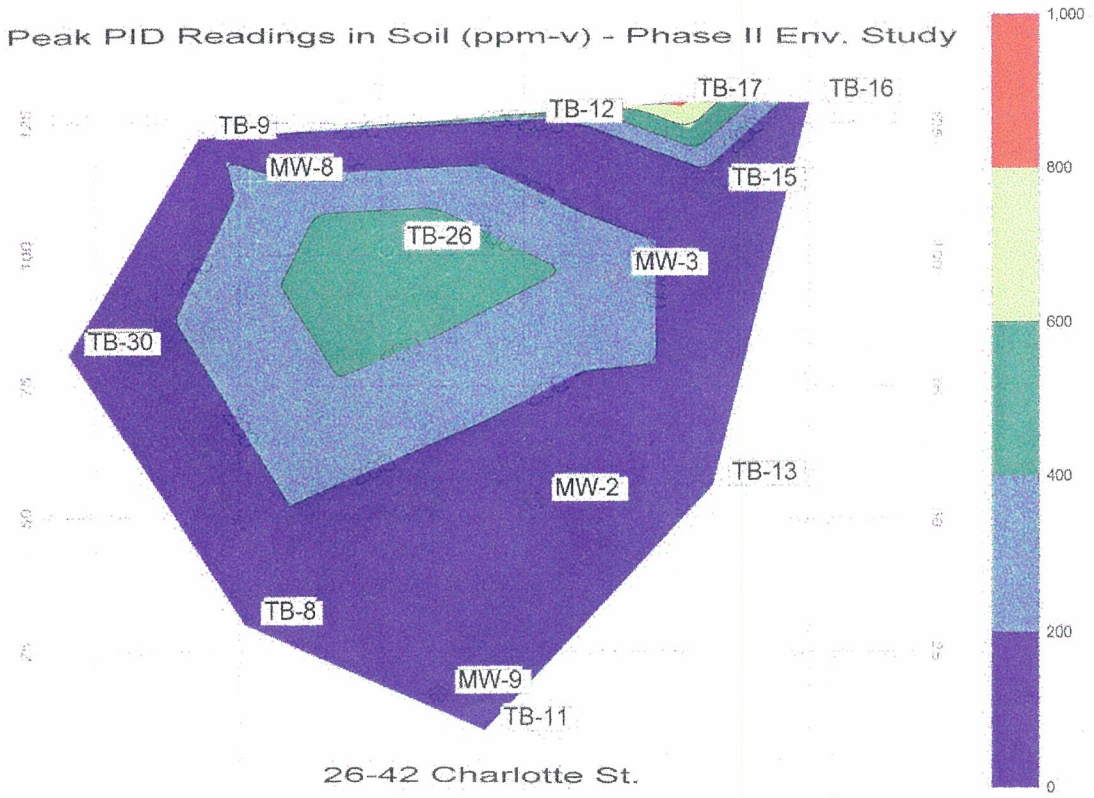
DRAWING TITLE
Area On Grammatico Parcels Currently Appearing To Require Remediation Or Environmental Engineering Controls

PROJECT NO.
2089S-99

FIGURE 6

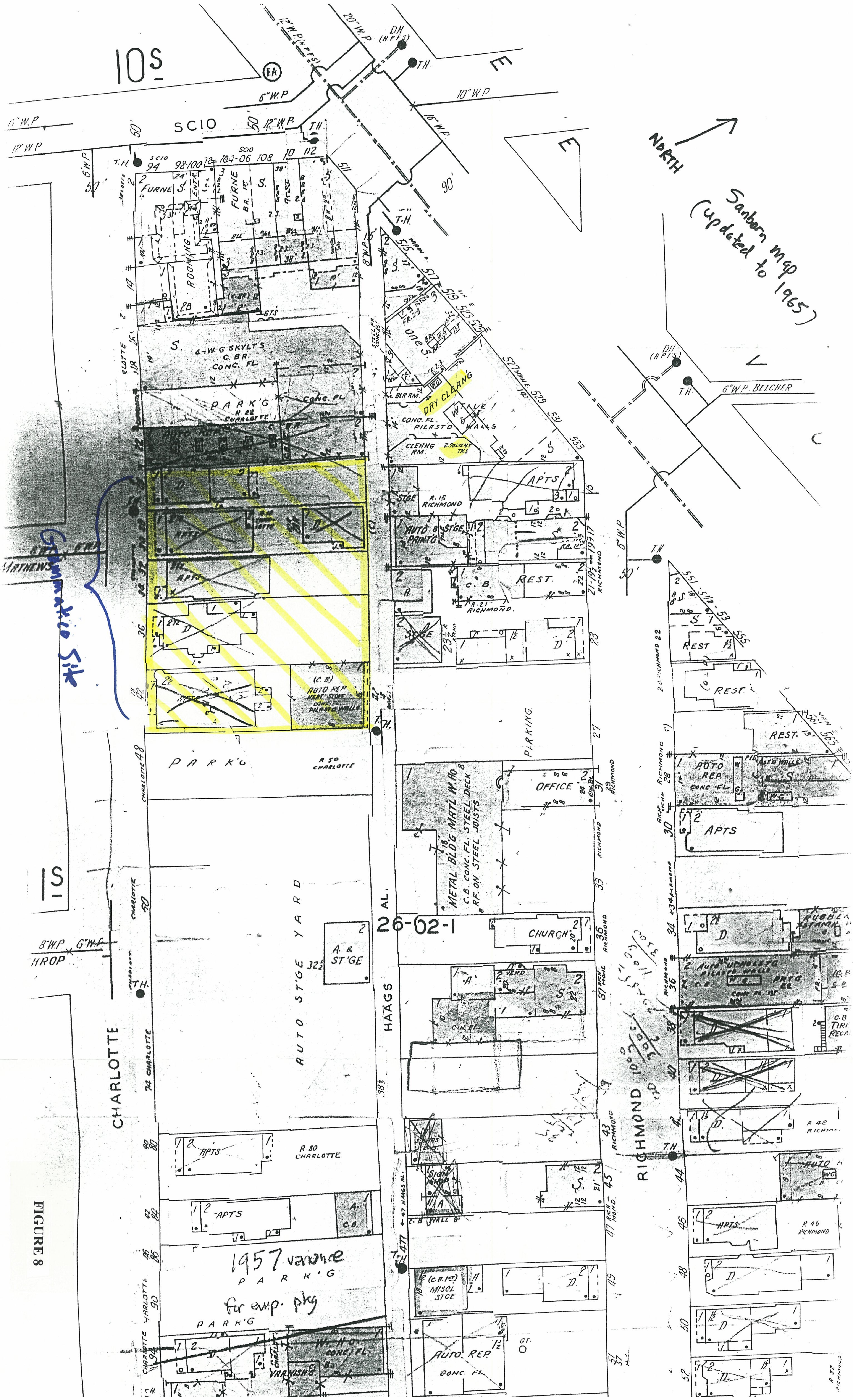
SHEET 1 OF 1

NORTH



Drawing Produced From Stratos98 Software Program.

SCALE **1" = 2000'**	PROJECT TITLE **14-60 CHARLOTTE STREET** **ROCHESTER, NEW YORK** **PHASE II ENVIRONMENTAL STUDY** DRAWING TITLE 2-DIMESIONAL CONTOUR MAP OF PEAK PID READINGS	PROJECT NO. **2089S-99** **FIGURE 7** SHEET **1** OF **1**



NORTH
Sanborn map (updated to 1965)
SCIO
CHARLOTTE
RICHMOND
HAAGS AL.
26-02-1
DRY CLEANG
2 SOLVENT TKS
CLEANG RM.
AUTO ST'GE YARD
PARKING
PARK'G
METAL BLD'G MATL W.HO
CHURCH
OFFICE
APTS
REST.
AUTO REP.
6"W.P. BEECHER
1957 variance
for emp. pkg

FIGURE 8

APPENDIX B

Tables

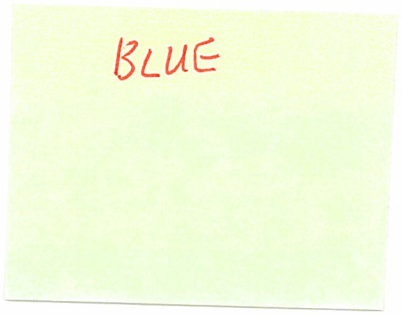


TABLE 1

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

SOIL SAMPLE LOG

Sample Number/Location	Location	Analysis
2089-03 / TB-3 @ 9'	City Parcel	8260 /8270
2089-04 / TB-4 @ 7.5'	City Parcel	8260 / 8270 / 310.13
2089-05 / TB-5 @ 3'	City Parcel	RCRA Metals
2089-06 / TB-6 @ 11.0'	City Parcel	8260 / 8270 / 8080 PCBs **8270**310.13****
2089-07 / TB-7 @ 10.0'	City Parcel	8260 / 8270 / 310.13
2089-08 / TB-8 @ 6.0'	Grammatico Parcel	8260 / 8270, **8260**310.13****
2089-09 / TB-9 @ 11.5'	Grammatico Parcel	8260 / 8270, **8260**310.13****
2089-11 / TB-11 @ 2.0'	Grammatico Parcel	RCRA Metals
2089-14 / TB-14 @ 2.0'	Grammatico Parcel	RCRA Metals (MS/MSD)
2089-14 / TB-14 @ 11.5'	Grammatico Parcel	8260 / **8260****
2089-16 / TB-16 @ 1.5'	Grammatico Parcel	310.13 (MS/MSD)
2089-17 / TB-17 @ 10.5'	Grammatico Parcel	8270 / 310.13 / PCB's (MS/MSD)
2089-18 / TB-18 @ 10.0'	City Parcel	8260 / 310.13
2089-21 / TB-21 @ 7.5'	City Parcel	8260
2089-23 / TB-23 @ 8.0'	City Parcel	310.13
2089-24 / TB-24 @ 9.0'	City Parcel	8260
2089-25 / TB-25 @ 3.0'	City Parcel	RCRA Metals / 310.13
2089-26 / TB-26 @ 12.0'	Grammatico Parcel	8260 / 8270 / 310.13
2089-27 / TB27 @ 8.5'	City Parcel	8260
2089-29 / TB-29 @ 8.5'	City Parcel	8260 / 8270 / 310.13
2089-FB / Field Blank	--	8260 / RCRA Metals / 8080 PCBs / 8270 / 310.13
2089-TB	City Parcel	8260
MW-7 (10-10.7')	City Parcel	310.13
MW-8 (0-2')	Grammatico Parcel	310.13 / 8260

** = Sample was re-analyzed and test results are considered biased low.
Note: Shaded samples were collected from Grammatico parcels.

TABLE 2

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

GROUNDWATER SAMPLE LOG

Well Location	Sample Date	Sample Number	Location	Analysis
MW-1	5/15/00	2089-W1-01	City Parcel	8260 310.13
MW-2	5/16/00	2089-W2-01	Grammatico Parcel	8260 310.13
MW-3	5/15/00	2089-W3-01	Grammatico Parcel	8260 310.13
MW-4	5/16/00	2089-W4-01	City Parcel	8260 310.13
MW-5	5/15/00	2089-W5-01	City Parcel	8260 310.13
MW-6	5/15/00	2089-W6-01	City Parcel	8260 310.13
MW-7	5/15/00	2089-W7-01	City Parcel	8260 310.13
MW-8	5/15/00	2089-W8-01	Grammatico Parcel	8260 310.13
MW-9	5/15/00	2089-W9-01	Grammatico Parcel	8260 310.13
MW-10	5/15/00	2089-W10-01	City Parcel	8260 310.13
MW-11	5/15/00	2089-W11-01	City Parcel	8260 310.13

Note: Shaded samples were collected from Grammatico parcels.

TABLE 3

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

TOTAL PETROLEUM HYDROCARBONS (TPH)
IN PARTS PER MILLION (PPM)

SOIL SAMPLES

SAMPLE DESIGNATION AND LOCATION	TPH TEST RESULTS (PPM)	
	TOTAL CONCENTRATION	CONCENTRATIONS BY HYDROCARBON WIEGHT
2089-04 (TB-4 @ 7.5')	561	561 - LW (kerosene)
2089-07 (TB-7 @ 10')	627	627 - MW (diesel)
2089-16 (TB-16 @ 1.5')	215.2	10.2 - MW (diesel) 205 - HW (lube oil)
2089-17 (TB-17 @ 10.5')	347	169 - LW (mineral spirits*) 178 - HW (lube oil)
2089-18 (TB-18 @ 10')	114.8	92.8 - LW (mineral spirits*) 22 - HW (lube oil)
2089-23 (TB-23 @ 8')	--	--
2089-25 (TB-25 @ 3')	--	--
2089-26 (TB-26 @ 12')	120.7	98.2 - LW (mineral spirits*) 22.5 - HW (lube oil)
2089-29 (TB-29 @ 8.5')	17.5	17.5 - LW (kerosene)
MW-7 (10-10.7')	23,800	23,800 - MW (diesel)
MW-8 (0-2')	1,250	1,250 - MW (diesel)
2089-08R (TB-8 @ 6') **	4,660	4,660 - MW (diesel)
2089-09R (TB-9 @ 11.5') **	385.9	372 - LW (mineral spirits*) 13.9 - HW (lube oil)
2089-06R (TB-6 @ 11') **	3,670	3,670 - HW (lube oil)
Local regulatory TPH Guidance Value[1]	500	500

-- = Not detected above reported laboratory detection limit values.
* = Laboratory reported that TPH identified as "mineral spirits" could be "stoddard solvent".
** = Samples was re-analyzed and test results are considered biased low.
LW = Light Weight
MW = Medium Weight
HW = Heavy Weight
Note: Shaded samples were collected from Grammatico parcels.
(1) = Guidance value used by local regulatory agencies on similar sites in the Rochester, New York area that are being redeveloped for commercial purposes.

TABLE 4A

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

VOLATILE ORGANIC COMPOUND (VOC) TEST RESULTS
IN PARTS PER BILLION (PPB)

SOIL SAMPLES

DETECTED VOCs	SAMPLE AND LOCATION						NYSDEC STARS MEMO #1 TCLP ALTERNATIVE GUIDANCE VALUES (PPB)
	2089-04 TB-4 @ 7.5'	2089-03 TB-3 @ 9'	2089-06 TB-6 @ 11'	2089-07 TB-7 @ 10'	2089-08* TB-8 @ 6'	2089-09* TB-9 @ 11.5'	
Ethylbenzene	9,010	--	--	40	--	--	100
Toluene	15,600	--	--	--	--	--	100
Total Xylenes	50,600	--	--	140	--	--	100
n-Propylbenzene	4,600	--	440	330	--	--	100
1,3,5-Trimethylbenzene	10,800	--	57	610	--	--	100
1,2,4-Trimethylbenzene	35,100	--		620J	--	--	100
sec-Butylbenzene	--	--	97	350	--	--	100
n-Butylbenzene	--	--	420	1,100	--	--	100
Isopropylbenzene	--	--	110	120	--	--	100
p-Isopropyltoluene	--	--	48	440	--	--	100
tert-Butylbenzene	--	--	--	29	--	--	100
Naphthalene	--	--	--	1,100	--	-	200
Total VOCs	125,710	0	1,172	4,879	0*	0*	NA

J = Indicates an estimate value.
-- = Not detected above reported laboratory detection limit value.
NA = Not available.
* = Sample was analyzed at a high dilution factor; however, constituents were not detected above analytical laboratory detection limits.
Note: Shaded samples were collected from Grammatico parcels.

TABLE 4B

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

VOLATILE ORGANIC COMPOUND (VOC) TEST RESULTS
IN PARTS PER BILLION (PPB)

SOIL SAMPLES

DETECTED VOCs	SAMPLE AND LOCATION						NYSDEC STARS MEMO #1 TCLP ALTERNATIVE GUIDANCE VALUES (PPB)
	2089-14* TB-14 @ 11.5'	2089-21 TB-21 @ 7.5'	2089-24 TB-24 @ 9'	2089-27 TB-27 @ 8.5'	2089-29 TB-29 @ 8.5'	2089-18 TB-18 @ 10'	
Ethylbenzene	--	--	--	--	120	--	100
Toluene	--	--	--	--	--	--	100
Total Xylenes	--	--	--	--	522	11.8	100
n-Propylbenzene	--	--	--	--	78	--	100
1,3,5-Trimethylbenzene	--	--	--	--	150	--	100
1,2,4-Trimethylbenzene	--	--	--	--	450	--	100
sec-Butylbenzene	--	--	--	--	--	33.5	100
n-Butylbenzene	--	--	--	--	65	--	100
Isopropylbenzene	--	--	--	--	18	--	100
p-Isopropyltoluene	--	--	--	--	--	--	100
tert-Butylbenzene	--	--	--	--	--	--	100
Naphthalene	--	--	--	--	130	--	200
Total VOCs	0*	0	0	0	1,533	45.3	NA

J = Indicates an estimate value.
-- = Not detected above reported laboratory detection limit value.
NA = Not available.
* = Sample was analyzed at a high dilution factor; however constituents were not detected above analytical laboratory detection limits.
Note: Shaded samples were collected from Grammatico parcels.

TABLE 4C

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

VOLATILE ORGANIC COMPOUND (VOC) TEST RESULTS
IN PARTS PER BILLION (PPB)

SOIL SAMPLES

DETECTED VOCs	SAMPLE AND LOCATION					NYSDEC STARS MEMO #1 TCLP ALTERNATIVE GUIDANCE VALUES (PPB)
	2089-26 TB-26 @ 12'	MW-8 (0-2')	2089-08R** TB-8 @ 6'	2089-09R** TB-9 @ 11.5'	2089-14R** TB-14 @ 11.5'	
Ethylbenzene	--	-	--	--	--	100
Toluene	--	--	--	--	--	100
Total Xylenes	--	--	--	--	--	100
n-Propylbenzene	--	--	--	--	--	100
1,3,5-Trimethylbenzene	--	--	--	--	--	100
1,2,4-Trimethylbenzene	--	--	--	--	--	100
sec-Butylbenzene	17.3	--	--	50.9	--	100
n-Butylbenzene	--	--	--	--	--	100
Isopropylbenzene	--	--	--	--	--	100
p-Isopropyltoluene	--	--	--	--	--	100
tert-Butylbenzene	--	--	--	--	--	100
Naphthalene	--	--	--	--	--	200
Total VOCs	17.3	0	0**	50.9**	0**	NA

J = Indicates an estimate value.
-- = Not detected above reported laboratory detection limit value.
NA = Not available.
** = Samples was re-analyzed and test results are considered biased low.
Note: Shaded samples were collected from Grammatico parcels.

TABLE 5

14-60 CHALOTTE STREET
ROCHESTER, NEW YORK

SEMI-VOLATILE ORGANIC COMPOUND (SVOC) TEST RESULTS
IN PARTS PER BILLION (PPB)
SOIL SAMPLES

DETECTED SVOCs	SAMPLE AND LOCATION					NYSDEC STARS MEMO #1 TCLP ALTERNATIVE GUIDANCE VALUES (PPB)
	2089-04 TB-4 @ 7.5'	2089-07 TB-7 @ 10'	2089-08 TB-8 @ 6.0'	2089-09 TB-9 @ 11.5'	2089-17 TB-17 @ 10.5'	
Naphthalene	6,790	766	--	--	--	200
Acenaphthene	--	431	--	--	--	400
Fluorene	--	584	--	--	--	1000
Phenanthrene	--	1,700	--	--	--	1000
Anthracene	--	--	--	--	--	1000
Pyrene	--	--	--	--	--	1000
TOTAL SVOCs	6,790	3,481	0	0	0	NA

DETECTED SVOCs	SAMPLE AND LOCATION					NYSDEC STARS MEMO #1 TCLP ALTERNATIVE GUIDANCE VALUES (PPB)
	2089-03 TB-3 @ 9.0'	2089-06* TB-6 @ 11.0'	2089-06R** TB-6 @ 11.0'	2089-26 TB-26 @ 12.0'	2089-29 TB-29 @ 8.5'	
Naphthalene	--	--	--	--	--	200
Acenaphthene	--	--	--	--	--	400
Fluorene	--	--	--	--	--	1000
Phenanthrene	--	--	665	--	--	1000
Anthracene	--	--	--	--	--	1000
Pyrene	--	--	313	--	--	1000
TOTAL SVOCs	0	0*	978**	0	0	NA

-- = Not detected above reported laboratory detection limit value.
NA = Not available.
* = Sample was analyzed at a high dilution factor; however constituents were not detected above analytical laboratory detection limits.
** = Samples was re-analyzed and test results are considered biased low.
Note: Shaded samples were collected from Grammatico parcels.

TABLE 6

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

POLYCHLORINATED BIPHENYLS/PESTICIDES TEST RESULTS
IN PARTS PER BILLION (PPB)

SOIL SAMPLES

CONSTITUENTS	SAMPLE DESIGNATION AND LOCATION		NYSDEC TAGM 4046 RECOMMNDED SOIL CLEANUP OBJECTIVES (PPB)
	2089-06 (TB-6 @ 11')	2089-17 (TB-17 @ 10.5')	
PCBs	--	--	10

PCBs = Polychlorinated Biphenyls
-- = Not detected above reported laboratory detection limit value.
Note: Shaded samples were collected from Grammatico parcels.

TABLE 7

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

TOTAL RCRA METALS TEST RESULTS
IN PARTS PER MILLION (PPM)

SOIL SAMPLES

DETECTED ANALYTES	SAMPLE AND LOCATION				NYSDEC TAGM 4046 TYPICAL BACKGROUND RANGES (PPM)	NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVE (PPM)
	2089-05 TB-5 @ 3'	2089-11 TB-11 @ 2'	2089-14 TB-14 @ 2'	2089-25 TB-25 @ 3'		
Arsenic	3.8	--	4.12	10	3-12	7.5 or SB
Barium	69.8	43	78.5	85.1	15-600	300 or SB
Cadmium	--	--	--	--	0.1-1	1 or SB (10)[1]
Chromium	8.16	4.72	9.22	23.2	1.5-40	10 or SB (50)[2]
Lead	141	69.3	223	102	200-500	SB
Mercury	0.395	0.192	0.580	0.104	0.001-0.2	0.1
Selenium	--	1.07	--	--	0.1-3.9	2 or SB
Silver	--	--	--	--	NA	SB

-- = Not detected above reported laboratory detection limit value.
NA = Not available.
1 = 1995 TAGM 4046 "proposed" recommended soil cleanup objective for cadmium of 10 ppm
2 = 1995 TAGM 4046 "proposed" recommended soil cleanup objective for chromium of 50 ppm.
Note: Shaded samples were collected from Grammatico parcels.

TABLE 8

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

TOTAL PETROLEUM HYDROCARBONS (TPH)
IN PARTS PER BILLION (PPB)

MAY 15 & 16, 2000 GROUNDWATER SAMPLES

SAMPLE LOCATION	SAMPLE DESIGNATION	TPH TEST RESULTS (PPB)
MW-1	2089-W1-01	--
MW-2	2089-W2-01	--
MW-3	2089-W3-01	52 J - LW (mineral spirits)
MW-4	2089-W4-01	--
MW-5	2089-W5-01	--
MW-6	2089-W6-01	7,270 - LW (gasoline)
MW-7	2089-W7-01	316,000 - MW (diesel)
MW-8	2089-W8-01	10 J - LW (mineral spirits)
MW-9	2089-W9-01	--
MW-10	2089-W10-01	--
MW-11	2089-W11-01	34 J - LW (mineral spirits)

-- = Not detected above reported laboratory detection limit values.
J = Indicates an estimated value.
LW = Light Weight
MW = Medium Weight
HW = Heavy Weight
Note: Shaded samples were collected from Grammatico parcels.

TABLE 9

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

VOLATILE ORGANIC COMPOUND (VOC) TEST RESULTS
IN PARTS PER BILLION (PPB)

MAY 15 & 16, 2000 GROUNDWATER SAMPLES

DETECTED VOCs	SAMPLE AND LOCATION						NYSDEC TOGS 1.1.1 GROUNDWATER STANDARDS AND GUIDANCE VALUES (PPB) [1]
	2089-W1-01 from MW-1	2089-W2-01 from MW-2	2089-W3-01 from MW-3	2089-W4-01 from MW-4	2089-W5-01 from MW-5	2089-W6-01 from MW-6	
Benzene	--	--	--	--	--	110	1
Ethylbenzene	--	--	--	--	--	1,400	5
Toluene	--	--	--	--	--	2,400	5
Total Xylenes	--	--	--	--	--	5,400	5
n-Propylbenzene	--	--	--	--	--	250	5
1,3,5-Trimethylbenzene	--	--	--	--	--	520	5
1,2,4-Trimethylbenzene	--	--	--	--	--	1,900	5
Naphthalene	--	--	--	--	--	140	10
Tetrachloroethene	17	--	--	--	--	--	5
Total VOCs	17	0	0	0	0	15,920	NA

DETECTED VOCs	SAMPLE AND LOCATION					NYSDEC TOGS 1.1.1 GROUNDWATER STANDARDS AND GUIDANCE VALUES (PPB) [1]
	2089-W7-01 from MW-7	2089-W8-01 from MW-8	2089-W9-01 from MW-9	2089-W10-01 from MW-10	2089-W11-01 from MW-11	
Benzene	--	--	--	--	--	1
Ethylbenzene	--	--	--	--	--	5
Toluene	--	--	--	--	--	5
Total Xylenes	--	--	--	--	--	5
n-Propylbenzene	--	--	--	--	--	5
1,3,5-Trimethylbenzene	--	--	--	--	--	5
1,2,4-Trimethylbenzene	260	--	--	--	--	5
Naphthalene	410	--	--	--	--	10
Tetrachloroethene	--	--	--	--	--	5
Total VOCs	670	0	0	0	0	NA

-- = Not detected above reported laboratory detection limit value.
NA = Not available.
(1) = June 1998 Division of Water TOGS (1.1.1) Ambient Groundwater Standards and Guidance Values.
Note: Shaded samples were collected from Grammatico parcels.

TABLE 10

GROUNDWATER ELEVATION DATA FOR JUNE 23, 2000

14 – 60 Charlotte Street
Rochester, New York

WELL ID	CURB BOX ELEVATION (FT)	ELEVATION OF PVC WELL CASING (FT)	STATIC WATER LEVEL (SWL) MEASUREMENT (FT)	GROUNDWATER ELEVATION (FT)
MW-1	100.93	100.65	7.54	93.11
MW-2	98.76	98.46	7.40	91.06
MW-3	98.79	98.51	7.65	90.86
MW-4	97.66	97.36	6.60	90.76
MW-5	97.60	97.41	6.65	90.76
MW-6	101.91	101.72	8.80	92.92
MW-7	100.49	100.10	7.97	92.13
MW-8	99.68	99.38	8.15	91.23
MW-9	98.75	99.38	7.43	91.95
MW-10	98.04	97.76	7.45	90.31
MW-11	97.91	97.64	6.95	90.69

NOTE: Elevations based on assumed Project Benchmark elevation of 100.00 feet
SWL measurements were collected from the north side of the PVC well casing.

APPENDIX C

Geophysical Survey Results Report

338 Harris Hill Road, Suite 201
Williamsville, New York 14221
(716) 565-0624 • FAX (716) 565-0625

GEOMATRIX

March 17, 2000
6249

Mr. Jeff Danzinger
Day Environmental, Inc.
2144 Brighton-Henrietta Townline Road
Rochester, New York 14623

Subject: **Geophysical Survey Results**
Charlotte Street
Rochester, New York

Dear Mr. Danzinger:

1.0 INTRODUCTION

This report presents the results of a geophysical investigation performed at a site located on the north side of Charlotte Street in Rochester, NY. The investigation area consisted of 9 grass, cement, and asphalt covered parcels totaling approximately 1.3 acres. The nine parcels are divided into four areas by chain link fence. On one of these areas there is a residential house. On another area there is a 1 story concrete block building. The remaining parcels are vacant. Historical information suggests that underground storage tanks (USTs) may be present in the investigation area. An electromagnetic (EM) survey was conducted at the site on March 14 and 15, 2000 to explore for the presence of potential USTs at the subject property.

The geophysical results presented herein are intended to serve as a guide to focus any future intrusive investigations, if warranted. Additional collaborative data is generally necessary to confirm geophysical anomalies suggestive of USTs.

2.0 METHODOLOGY

A reference grid was installed to facilitate data acquisition along lines spaced three feet apart. The grid was marked with orange and red spray paint, with select locations labeled relative to the adopted coordinate system. Grid coordinate 0N, 0E was established at the southwest corner of the site, in the center of the sidewalk bounding the north side of Charlotte Street. Grid east was taken as the direction parallel to Charlotte Street.

The survey area was investigated with the Geonics EM61 unit (EM61-HH), a high sensitivity, high resolution TDEM metal detector that can detect both ferrous and nonferrous metallic objects. This unit has an approximate investigation depth of 10 feet. The processing console is contained in a backpack worn by the operator and is interfaced to a digital data logger. The response of the EM61-HH is sampled and recorded at two time gates along the response decay curve. The data recorded at the two time gates allow for the discrimination of metal

targets based on different response decay rates. The decay rate of an object is related to size, shape, material, and orientation. The early time gate detects targets with both short and long decay rates (small, medium and large targets) and the late time gate detects targets with a longer decay rate (larger targets). The EM61 HH data were collected along lines spaced 3 feet apart.

3.0 RESULTS

The EM61 data are presented in Figure 1. The color bar to the right of the map indicates the colors associated with the respective measured values. Areas suspected to be free of buried metals are shown as color shades of blue. All areas exhibiting a response greater than background (0 to 20 mVolts) likely contain buried metals. These areas are depicted in shades of light blue through purple on the figure.

A portion of the survey area was surfaced with concrete. The instrument response within this concrete area strongly suggests that the concrete is reinforced with metal screen or rod. It is not possible to make interpretations concerning the presence or absence of USTs beneath this reinforced pad. The remainder of the survey area contained numerous buried metal anomalies. Anomalies interpreted to be significant, relative to the objective of this investigation, are alphabetically labeled on the figure and discussed below. It is possible that any of the additional above background responses may be related to a UST, however, it is more likely that they are associated with minor amounts of buried metals. Linear anomalies are denoted with dashed white lines in Figure 1.

The following anomaly specific discussion is referenced to the Electromagnetic data shown in Figure 1.

Lot 36.1 and Lot 39 - Anomalies A, B, C, D, E, F, G and H
Anomalies A, B, C, D, E, F, G and H are buried metal anomalies located in Lot 36.1 and Lot 39. These anomalies are characterized by a high electromagnetic response and are shown in shades of red on Figure 1. Anomaly A is located in the area identified by Day as potentially containing two 500 gallon USTs. Anomaly B is located near an approximate 4 inch diameter pipe that was observed to protrude from the ground approximately 1 ft. Anomaly D is near the area identified by Day as being the suspect location of one 1000 gallon UST. There is an electrical service structure consisting of a mounted electric circuit breaker between anomalies E and F. Anomalies A, B, C, D, E, F, G, and H may represent USTs or other buried metals.

Lot 40 and Lot 41 - Anomalies I and J
Anomalies I and J are buried metal anomalies located in Lot 40 and 41. These anomalies are

characterized by a high electromagnetic response and are shown in shades of red on Figure 1. These anomalies may represent USTs or other buried metals.

Lot 42 and Lot 43 - Anomalies K, L, M, and S
Anomalies K, L, M, and S are buried metal anomalies located in Lots 42 and 43. These anomalies are characterized by a high electromagnetic response and are shown in shades of red on Figure 1. Several surface features suggestive of UST appurtenances are observed immediately north of Anomaly K. Anomaly L consists of a group of 3 small anomalies and is identified as potentially significant due to the proximity of an approximately 4 inch pipe that was observed in this area. Anomaly S is located within a 1 story concrete block building. The concrete floor in the area of Anomaly S appeared to be patched. Anomalies K, L, M, and S may represent USTs or other buried metals.

Lot 44, 45, and 46 - Anomalies N, O, P, Q, and R
Anomalies N, O, P, Q, and R are buried metal anomalies located in Lots 44, 45, and 46. These anomalies are characterized by a high electromagnetic response and are shown in shades of red on Figure 1. A linear anomaly, identified with a dashed white line on the figure, may be associated with Anomalies N, O, and/or P. Anomalies N, O, P, Q, and R may represent USTs or other buried metals.

4.0 LIMITATIONS

The geophysical methods used during this survey are established, indirect techniques for non-invasive subsurface reconnaissance exploration. As these instruments utilize indirect methods, they are subject to inherent limitations and ambiguities. All geophysical methods utilize interpretative techniques which can be significantly impacted by varying site conditions. Anomalies can only be identified if they show recognizable patterns against data representative of background or natural conditions. Therefore, where possible, confirmation of any geophysical anomalies identified or interpreted should be sought through the use of historical aerial photography, test pit and/or borehole information.

5.0 CONCLUSIONS

The geophysical investigation at the Charlotte Avenue site in Rochester, NY appears to have been successful at mapping the distribution of buried metals. A total of 19 buried metal anomalies were identified and may potentially represent USTs. These anomalies are labeled Anomalies A through S on Figure 1. It is possible that any of the additional above background responses may be indicative of USTs however it is believed that they are more likely related to miscellaneous buried or surface metal.

We trust the information contained in this report is sufficient for your present needs. Please do not hesitate to contact us if you have any questions or require additional information.

Sincerely yours,
GEOMATRIX CONSULTANTS, INC.

for John Luttinger
Project Geophysicist

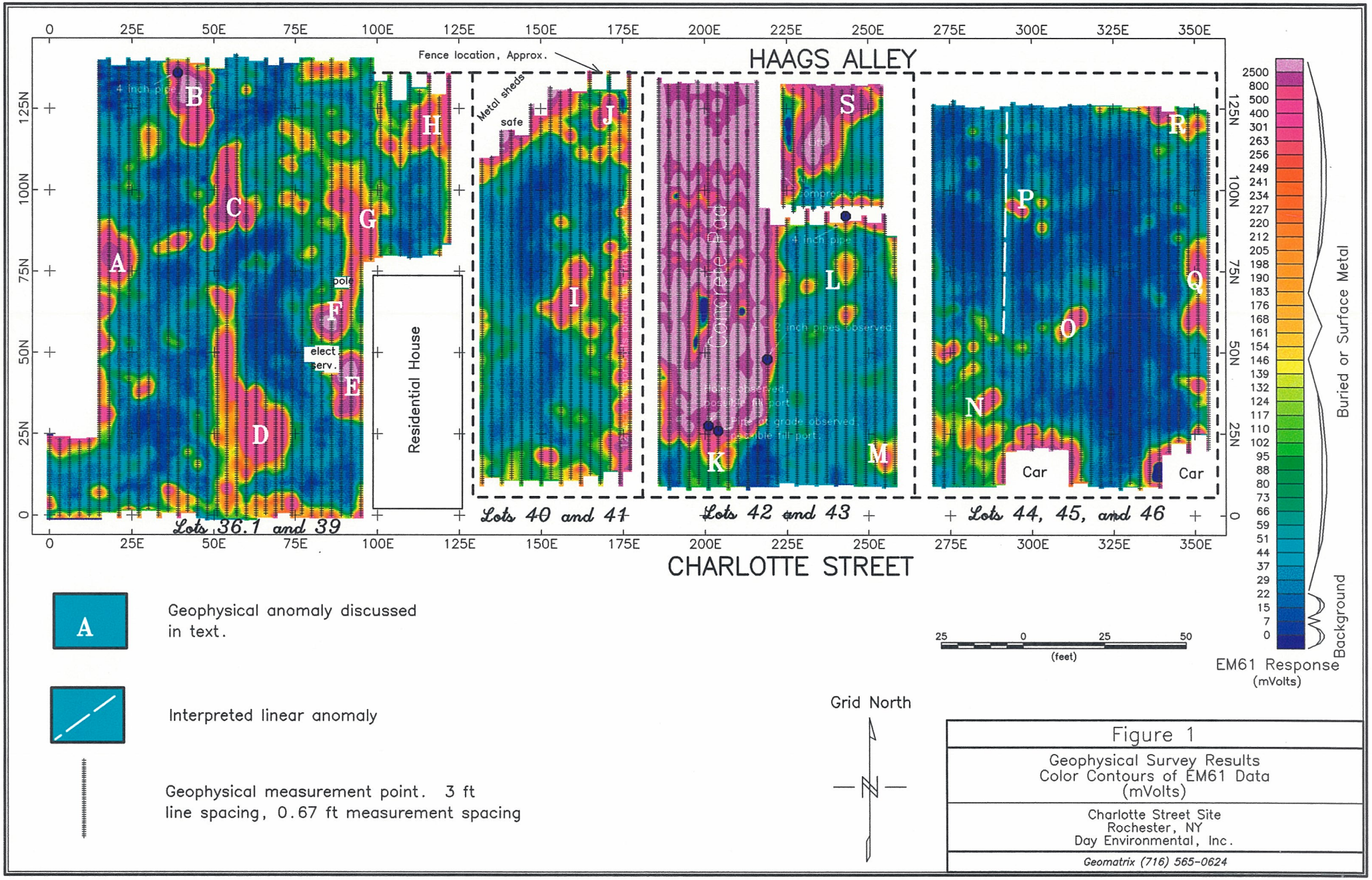


Figure 1

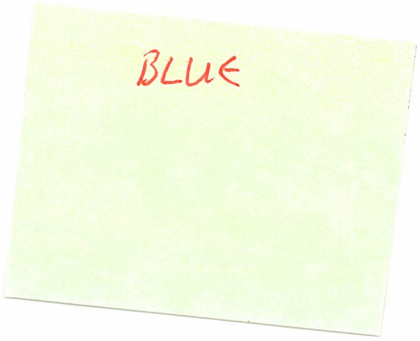
Geophysical Survey Results
Color Contours of EM61 Data
(mVolts)

Charlotte Street Site
Rochester, NY
Day Environmental, Inc.

Geomatrix (716) 565-0624

APPENDIX D

Test Pit Logs, Test Boring Logs and Monitoring Well Logs



Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623

TEST PIT NO.: G

Project No: 2089S-99
Project: Subsurface Investigation
Location: 14-60 Charlotte Street
Date: 3/30/00
Test Pit Depth: 5.0 feet
Depth to Water: NA

Excavation Contractor: Arrow Contracting, Inc.
Excavation Equipment: Case 580K Extendahoe
Equipment Reach: Approximately 13 feet
DAY Representative: J. Dorety

SUBSURFACE PROFILE						
Depth	Peak PID/FID Reading (ppm)	West Side of Foundation Description	East Side of Foundation Description	Sample Number	West Side of Foundation Remarks	East Side of Foundation Remarks
1	0.0 0.0 0.1	Brown Sand, Silt, Gravel, Ash, Brick, Metal Pipe, Pipe Wrap, Clay Tile, moist (FILL).	Black Sand, Gravel, Asphalt, Brick, Ash, moist (FILL). Tan Sand, Silt, Gravel, Brick, Ash, Moist (FILL).		Metal heat pipe and sewer pipe at 1.5'	
2	0.0 0.0		Brown Silty SAND and GRAVEL, some Clay, Roots, moist.			Metal cooking pan at 3.0'
3	0.1 0.1	Brown Silty SAND and GRAVEL, trace Clay, moist.				
4	0.0 0.0	...Cobbles	...Cobbles			
5		Bottom of test pit				Bottom of Test Pit
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623

TEST PIT NO.: I

Project No: 2089S-99
Project: Subsurface Investigation
Location: 14-60 Charlotte Street
Date: 3/30/00
Test Pit Depth: 6.5 feet
Depth to Water: NA

Excavation Contractor: Arrow Contracting, Inc.
Excavation Equipment: Case 580K Extendahoe
Equipment Reach: Approximately 13 feet
DAY Representative: J. Dorety

SUBSURFACE PROFILE				
Depth	Peak PID/FID Reading (ppm)	Description	Sample Number	Remarks
1	0.1 0.1	Dark brown Sand, Gravel, Brick, Ash, Roots, damp (FILL).		
2	0.0 0.0	Tan Sand, Gravel, Brick, Metal, Wood, Boulders, Fabric, Plastic, damp (FILL).		Hot water tank @ 2' BG.
3	0.0			
4	0.0 0.0			
5	0.0 0.1			
6	0.0 0.0 0.0	Concrete Slab. Reddish brown Silty SAND and GRAVEL, trace Clay, moist.		Apparent former basement floor.
7		Bottom of Test Pit		
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				

File: 2089STPI

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623

TEST PIT NO.: J

Project No: 2089S-99
Project: Subsurface Investigation
Location: 14-60 Charlotte Street
Date: 3/30/00
Test Pit Depth: 5.5 feet
Depth to Water: NA

Excavation Contractor: Arrow Contracting, Inc.
Excavation Equipment: Case 580K Extendahoe
Equipment Reach: Approximately 13 feet
DAY Representative: J. Dorety

SUBSURFACE PROFILE				Remarks
Depth	Peak PID/FID Reading (ppm)	Description	Sample Number	
1	0.0	Brown Sand, Gravel, Wood, Silt, Clay, Metal, Ash, Boulders, damp (FILL).		16"x24" metal plate (1" thick) @ 1.5' BG.
2	0.0			
3	0.0			
4	0.1			
5	0.0	Reddish brown Silty SAND and GRAVEL, trace Clay, moist.		
6	0.0			
7		Bottom of Test Pit		
8				
9				
10				
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File: 2089STPJ

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623

TEST PIT NO.: K

Project No: 2089S-99
Project: Subsurface Investigation
Location: 14-60 Charlotte Street
Date: 3/30/00
Test Pit Depth: 4.5 feet
Depth to Water: NA

Excavation Contractor: Arrow Contracting, Inc.
Excavation Equipment: Case 580K Extendahoe
Equipment Reach: Approximately 13 feet
DAY Representative: J. Dorety

SUBSURFACE PROFILE				Remarks
Depth	Peak PID/FID Reading (ppm)	Description	Sample Number	
1	0.0	Concrete		Two 4" diameter sanitary clean-outs.
	0.1	Brown Sand, Gravel, Silt, Brick, Plastic, Metal, Wood, Ash, damp (FILL).		3" diameter pipe with vinyl tape comes up along footing, goes under and toward street.
2	0.3			
	0.1			
3	0.1	Pipes connect to sewer.		
	0.2			Outside footing tape ends, black pipe painted yellow (gas service).
4	0.1			
	0.1	Metal bucket (5 gallon) under footing.		
5		Bottom of Test Pit		
6				
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File: 2089STPK

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623

TEST PIT NO.: L

Project No: 2089S-99
Project: Subsurface Investigation
Location: 14-60 Charlotte Street
Date: 3/30/00
Test Pit Depth: 5.0 feet
Depth to Water: NA

Excavation Contractor: Arrow Contracting, Inc.
Excavation Equipment: Case 580K Extendahoe
Equipment Reach: Approximately 13 feet
DAY Representative: J. Dorety

SUBSURFACE PROFILE				Remarks
Depth	Peak PID/FID Reading (ppm)	Description	Sample Number	
1	0.0 0.1 0.1	Asphalt, Cinders, Ash, damp (FILL). Brown Sand, Gravel, Silt, Brick, Metal, Wood, moist (FILL).		Four pieces of 3"x3"x12" angle iron @ 3' BG. 2" metal pipe @ 3' BG - appears to go into building at former natural gas pipe
2	0.2			
3	0.0 0.0			
4	0.0			
5	0.0			
6		Bottom of Test Pit		
7				
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File: 2089STPL

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623

TEST PIT NO.: M

Project No: 2089S-99
Project: Subsurface Investigation
Location: 14-60 Charlotte Street
Date: 3/30/00
Test Pit Depth: 5.5 feet
Depth to Water: NA

Excavation Contractor: Arrow Contracting, Inc.
Excavation Equipment: Case 580K Extendahoe
Equipment Reach: Approximately 13 feet
DAY Representative: J. Dorety

SUBSURFACE PROFILE				Remarks
Depth	Peak PID/FID Reading (ppm)	Description	Sample Number	
1	0.0	Asphalt		
	0.0	Brown Sand, Brick, Gravel, Roots, Silt, Wood, damp (FILL).		Small pieces of metal intermixed.
2	0.1			
	0.0			
3	0.0			
4	0.1			
	0.0			Apparent former basement floor.
5	0.0	Concrete slab.		
		Tan Silty SAND and GRAVEL, trace Clay, moist.		
6		Bottom of Test Pit		
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Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-8

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfill with soil cuttings

Project No: 2089S-99
Boring Location: Refer to Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 4/18/00
Completion Date: 4/18/00
Borehole Diameter: 2¼"
Borehole Depth: 8.5 feet
Water Level: Not encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	SS-1	0-4	60	NA	0.1		Brown Sand, Silt, Gravel, Brick, Ash, damp (FILL).
2						0.1		
3						0.1		
4						0.1		
5		SS-2	4-8	70		0.8		Reddish brown Silty SAND, some Gravel, trace Clay, moist. Slight gray staining, strong volatile-type odor.
6						3.7		
7						16.8		
8						12.4		
						6.1		
		SS-3	8-8.5	40		5.6		... Rock fragments
						4.4		Volatile-type odors diminishing.
9								Refusal at 8.5'.
10								
11								
12								
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File: 2089TB8.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-9

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfill with soil cuttings

Project No: 2089S-99
Boring Location: Refer to Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 4/18/00
Completion Date: 4/18/00
Borehole Diameter: 2¼"
Borehole Depth: 11.8 feet
Water Level: 11.0 feet

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.1		Dark brown to black Sand, Silt, Gravel, Brick, Ash, damp (FILL).
2	NA	SS-1	0-4	45	NA	0.0		
3						0.1		
4						0.1		
5						0.1		Brown silty SAND, some Gravel, trace Clay, moist.
6		SS-2	4-8	80		0.1		
7						0.1		... Seam of Gravel at 7'.
8						0.1		
9						42.5		... Rock fragments.
10		SS-3	8-11.8	75		54.9		
11						179.0		... Black staining, strong petroleum type odor.
12						77.6		... Wet, visible sheen.
13								Refusal at 11.8'.
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15								
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18								
19								
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File: 2089TB9.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-10 (MW-2)

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: 1¼" ID PVC well

Project No: 2089S-99
Boring Location: Refer to Site Plan
Top of Ledge: 98.46'
Start Date: 4/18/00
Borehole Diameter: 2¼"
Water Level: 9.5feet

Datum: 100.00'
Completion Date: 4/18/00
Borehole Depth: 11.5 feet

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.4		Dark brown Sand, Silt, Gravel, Wood, Glass, Ash, damp (FILL).
2	NA	SS-1	0-4	50	NA	0.2		
3						0.4		
4						0.1		
5						0.2		
6		SS-2	4-8	60		0.1		Brown silty SAND, some Gravel, Rock fragments, moist.
7						0.1		
8						0.1		
9						0.1		
10		SS-3	8-11.5	60		0.3		Dark staining and weathered petroleum type odor begins at 9.5'.
11						3.4		
12						9.1		... Fractured Rock, Wet
13						8.3		Refusal at 11.5'.
14								
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19								
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File: 2089TB10.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-11

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with soil cuttings

Project No: 2089S-99
Boring Location: Refer to Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 4/18/00
Completion Date: 4/18/00
Borehole Diameter: 2¼"
Borehole Depth: 8.0 feet
Water Level: 7.5 feet

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	SS-1	0-4	65	NA	0.6		BlacK Asphalt, Ash, Stone, Gravel, Sand, dry (FILL).
2						1.0		Brown Sand, Silt, Light Gravel, Ash, dry (FILL).
3						0.4		
4						1.2		Brown Sand, Silt, trace Clay, damp (FILL).
5		SS-2	4-8	90		0.3		Brown Sand, Silt, Gravel, Ash, dry to wet (FILL).
6						0.6		
7						0.7		2" layer of Gravel at 7.0'.
8						0.6		Refusal at 8.0'.
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File: 2089TB11.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-12

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with soil cuttings

Project No: 2089S-99
Boring Location: Refer to Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 4/18/00
Completion Date: 4/18/00
Borehole Diameter: 2¼"
Borehole Depth: 9.0 feet
Water Level: Not encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	SS-1	0-4	60	NA	0.1		Black Asphalt, Gravel, Ash, dry (FILL).
2						2.4		3" layer of Rock fragments, dry (FILL).
3						2.1		Brown Sand, Silt, Gravel, trace Clay, damp (FILL).
4						3.6		
5		SS-2	4-8	60		0.4		Red Brick, Sand, Silt, damp (FILL).
6						0.5		Black Ash, Gravel, Sand, Silt, Organics (FILL).
7						4.2		Gray Silty SAND and GRAVEL, Rock fragments, damp.
8						4.0		
9		SS-3	8-9	40		0.1 0.3 1.0		Brown Silty SAND and GRAVEL, moist.
10								Refusal at 9'.
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File: 2089TB12.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-13

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with soil cuttings

Project No: 2089S-99
Boring Location: Refer to Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 4/18/00
Completion Date: 4/18/00
Borehole Diameter: 2¼"
Borehole Depth: 9.0 feet
Water Level: Not encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	SS-1	0-4	55	NA	2.8		Gray Sand, Gravel, Ash, Coal, Rock fragments (FILL).
2						2.0		
3						2.5		
4						2.2		
5		SS-2	4-8	70		0.3		Brown Sand, Silt, trace Clay, Gravel, Rock fragments, Ash, damp (FILL).
6						1.0		Weathered rock.
7						1.0		
8						0.7		
9		SS-3	8-9	80		0.3 2.2 1.2		Refusal at 9'.
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File: 2089TB13.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-14 (MW-3)

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: 1¼" ID PVC well

Project No: 2089S-99
Boring Location: Refer to Site Plan
Top of Ledge: 98.51'
Start Date: 4/18/00
Borehole Diameter: 2¼"
Water Level: 11.0 feet

Datum: 100.00'
Completion Date: 4/18/00
Borehole Depth: 12.0 feet

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						16.2		Gray Sand, Silt, Gravel, dry (FILL).
2	NA	SS-1	0-4	60	NA	10.6		
3						4.6		Dark Brown Silty SAND, some Gravel, Rock fragments, moist.
4						2.7		
5						0.8		
6		SS-2	4-8	70		1.4		Light Brown Silty SAND, trace Clay, small weathered Rocks, moist.
7						0.6		
8						0.4		
9						0.2		
10		SS-3	8-12	90		4.0		
11						3.5		Gray and black Silty SAND, Rock fragments, moist to wet.
12						340		
13								
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File: 2089TB14.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-15

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with soil cuttings

Project No: 2089S-99
Boring Location: Refer to Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 4/19/00
Completion Date: 4/19/00
Borehole Diameter: 2¼"
Borehole Depth: 8.0 feet
Water Level: Not encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	SS-1	0-4	80	NA	0.0		Brown to Black Sand, Silt, Gravel, Ash, Brick, Coal, damp (FILL).
2						0.0		
3						0.0		
4						0.0		
5		SS-2	4-8	40		0.0		
6						0.0		
7						0.0		
8								Brown Silty SAND, some Gravel, Rock fragments, damp.
								Refusal at 8.0'.
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File: 2089TB15.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-16

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with soil cuttings

Project No: 2089S-99
Boring Location: Refer to Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 4/19/00
Completion Date: 4/19/00
Borehole Diameter: 2¼"
Borehole Depth: 8.5 feet
Water Level: Not encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	SS-1	0-4	60	NA	7.6		Brown Sand, Silt, Gravel, Brick, Ash, Cinders, Coal, damp (FILL).
2						3.9		
3						0.6		
4						0.5		
5		SS-2	4-8	90		9.3		
6						0.7		
7						2.4		
8						0.6		Light Brown Silty SAND and GRAVEL, trace Clay, damp to moist.
						0.8		
		SS-3	8-8.5	5		0.1		Refusal at 8.5'.
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File: 2089TB16.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-17

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with soil cuttings

Project No: 2089S-99
Boring Location: Refer to Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 4/19/00
Completion Date: 4/19/00
Borehole Diameter: 2¼"
Borehole Depth: 12.5 feet
Water Level: 10.0

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.1		Brown to Black Sand, Silt, Gravel, Coal, Cinders, Brick, damp (FILL).
2	NA	SS-1	0-4	50	NA	0.1		
3						0.1		
4						0.1		
5						0.1		Brown Silty SAND and GRAVEL, trace Clay, moist.
6		SS-2	4-8	85		0.1		
7						0.1		
8								Layer of Gravel, Black staining. Strong petroleum type odor, oil globules, wet, sheen visible.
9						851		Brown and Gray Silty SAND and GRAVEL, wet.
10		SS-3	8-12	60		522		
11						166		
12		SS-4	12-12.5	10				Fractured rock.
13								Refusal at 12.5'.
14								
15								
16								
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File: 2089TB17.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-26

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with soil cuttings

Project No: 2089S-99
Boring Location: Refer to Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 4/19/00
Completion Date: 4/19/00
Borehole Diameter: 2¼"
Borehole Depth: 12.0 feet
Water Level: 11.0 feet

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	SS-1	0-4	75	NA	0.0		Brown Sand, Silt, Gravel, Brick, Cinders, Coal, Ash, damp (FILL).
2						0.0		
3						0.0		
4						0.0		
5		SS-2	4-8	80		0.0		Brown Silty SAND and GRAVEL, moist.
6						0.0		
7						0.0		
8						0.0		
9		SS-3	8-12	60		0.0		
10						85.0		
11						600.0		Gray to Black, Silty SAND and GRAVEL, Dark Staining. Petroleum type odor.
12								Refusal at 12'.
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File: 2089TB26.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: TB-30

Project: Phase II Study
DAY Representative: J. Joseph Dorety
Drilling Contractor: Zebra Environmental
Drilling Rig: Track-mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with soil cuttings

Project No: 2089S-99
Boring Location: Refer to Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 4/19/00
Completion Date: 4/19/00
Borehole Diameter: 2¼"
Borehole Depth: 9.0 feet
Water Level: Not encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Brown Sand, Silt, Ash, Organics, damp (FILL).
2	NA	SS-1	0-4	50	NA	0.0		Brown Sand, Silt, trace Clay, Ash, Gravel, damp (FILL).
3						0.0		
4						0.0		
5						0.0		
6		SS-2	4-8	50		0.0		Light Brown Silty SAND and GRAVEL, moist.
7						0.0		
8						0.0		
9		SS-3	8-9	35		0.0		Refusal at 9'.
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File: 2089TB30.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: MW-8

Project: Phase II Study
DAY Representative: Dennis M. Peck
Drilling Contractor: Earth Dimensions, Inc.
Drilling Rig: Diedrich D-50
Sampling Method: 2" Split Spoons, HQ Core
Completion Method: 2" PVC Monitoring Well

Project No: 2089S-99
Boring Location: See Site Plan
Top of PVC: 99.38'
Datum: 100.00'
Start Date: 5/2/00
Completion Date: 5/2/00
Borehole Diameter: 10"± soil
Borehole Depth: 16.0 feet
Water Level: 7.8 feet BGS at 9:15AM on 5/3/00

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	10 10 10 11	SS-1	0-2	50	20	17.0		Brown Silt, trace Coal, trace Brick (FILL). Damp, slight sweet odor.
3	8 4 5 7	SS-2	2-4	50	9	13.2		
5	8 18 10 9	SS-3	4-6	30	28	0.0		Brown SILT, some Clay, trace Sand, trace Gravel, damp.
7	5 5 6 5	SS-4	6-8	40	11	0.0		...little Clay, little Sand, wet.
9	12 25 36 48	SS-5	8-10	25	61	0.0 219		Brown Fine SAND, Rock fragments, wet, petroleum odor 9'-10'. Auger refusal at 8.5'.
13	NA	NA	10-16	NA	NA	0.0		LOCKPORT DOLOMITE ...Rock becomes competent at approximately 11.0'. Lost approximately 1200 gallons of water during drilling. [NOTE: drilled from 8.5' to 16' using 3 7/8" roller bit.] collapse to 13'
16								Bottom at 16.0'

File: 2089SMW8.log

Day Environmental, Inc.
2144 Brighton-Henrietta T.L. Rd.
Rochester, New York 14623
(716) 292-1090

BORING NUMBER: MW-9

Project: Phase II Study
DAY Representative: Dennis M. Peck
Drilling Contractor: Earth Dimensions, Inc.
Drilling Rig: Diedrich D-50
Sampling Method: 2" Split Spoons, HQ Core
Completion Method: 2" PVC Monitoring Well

Project No: 2089S-99
Boring Location: See Site Plan
Top of PVC: 98.57'
Datum: 100.00'
Start Date: 5/3/00
Completion Date: 5/3/00
Borehole Diameter: 8"± soil
Borehole Depth: 15.0 feet
Water Level: 7.1 feet BGS at 8:50AM on 5/4/00

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	NA	0-1	NA	NA			Asphalt and Silt and Gravel (FILL).
2	6 15	SS-1	1-2	10	NA	0.0		...some Sand (FILL).
3	19 21 35 30	SS-2	2-4	10	56	0.0		
4								
5	35 64 37 42	SS-3	4-6	10	100+	0.0		...Sand and Gravel (FILL).
6								Brown SILT, little Clay, little Sand. Damp-wet.
7	6 5 5 8	SS-4	6-8	30	10	0.0		
8								...wet
9	5 6 12 50-2"	SS-5	8-9.7	30	18	0.0		Auger refusal at 8.5'.
10								LOCKPORT DOLOMITE
11								...lost water circulation, void at 10.5'-11.0', lost approximately 700 gallons during drilling.
12	NA	NA	9.7-15	NA	NA			[NOTE: drilled from 8.5' to 15' using 3 7/8" roller bit.]
13								
14								collapse to 14.0'.
15								Bottom at 15.0'
16								
17								
18								
19								
20								

File: 2089SMW9.log

BLUE

APPENDIX E

Well development Logs and Well Sampling Logs

WELL DEVELOPMENT DATA
MW-2

SITE LOCATION: 14-60 Charlotte Street, Rochester N.Y.

JOB#: 2089S-99

DATE/ TIME	4/24/00 15:00	15:03	15:05	15:11	15:18	15:27	15:35	
EVACUATION METHOD	3' Bailer							
PID (PPM)	0.0							
DEPTH OF WELL (FT)	10.24							
STATIC WATER LEVEL (SWL) FT	6.16							
VOLUME EVACUATED (GAL)	0	0	0.25	0.25	0.25	0.25	0.25	
TOTAL VOLUME EVACUATED (GAL)	Initial	0	0.25	0.50	0.75	1.0	1.25	
TEMPERATURE (^{O}F)	-	12.5	11.7	11.9	11.1	10.8	10.8	
pH	-	7.01	7.75	7.70	7.40	7.39	7.39	
Eh	NC	-	-	-	-	-	-	
CONDUCTIVITY (umho/cm)	-	792	803	812	775	941	939	
TURBIDITY (NTU)	NC	-	-	-	-	-	-	
VISUAL OBSERVATION	Clear	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	

LEGEND: NC = Not Collected
ND = Not Detected

Day Environmental, Inc.
2144 Brighton-Henrietta Town Line Road
Rochester, New York 14623

WELL DEVELOPMENT DATA
MW- 3

SITE LOCATION: 14-60 Charlotte Street, Rochester N.Y.

JOB#: 2089S-99

DATE/ TIME	4/24/00 15:41	15:48	15:56	16:07	16:12	16:17	16:19	16:21
EVACUATION METHOD	3' Bailer							
PID (PPM)	7.8							
DEPTH OF WELL (FT)	10.60							
STATIC WATER LEVEL (SWL) FT	6.61							
VOLUME EVACUATED (GAL)	0	0.25	0.25	0.25	0.25	0.25	0.25	0.25
TOTAL VOLUME EVACUATED (GAL)	Initial	0.25	0.50	0.75	1.0	1.25	1.50	1.75
TEMPERATURE (^{O}F)	11.4	10.9	10.7	10.5	10.2	10.3	10.1	10.0
pH	7.80	7.75	7.32	7.28	7.34	7.29	7.21	7.18
Eh	NC	-	-	-	-	-	-	-
CONDUCTIVITY (umho/cm)	581	680	665	690	705	688	690	688
TURBIDITY (NTU)	NC	-	-	-	-	-	-	-
VISUAL OBSERVATION	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy

LEGEND: NC = Not Collected
ND = Not Detected

Day Environmental, Inc.
2144 Brighton-Henrietta Town Line Road
Rochester, New York 14623

WELL DEVELOPMENT DATA
MW-8

SITE LOCATION: 14-60 Charlotte Street, Rochester N.Y.

JOB#: 2089S-99

DATE/ TIME	5/10/00 15:10	15:27	15:31	15:35	15:38	15:42		15:50
EVACUATION METHOD	Centrifugal Pump							
PID (PPM)	263							
DEPTH OF WELL (FT)	13.09							13.09
STATIC WATER LEVEL (SWL) FT	7.82							8.09
VOLUME EVACUATED (GAL)	0	1.0	1.5	1.0	1.5	1.5	1.0	1.0
TOTAL VOLUME EVACUATED (GAL)	Initial	1.0	2.5	3.5	5.0	6.5	7.5	8.5
TEMPERATURE (^{O}F)	15.8	17.7	18.1	15.3	13.9	15.9	16.4	15.3
pH	7.74	7.61	7.64	7.65	7.57	7.46	7.44	7.46
Eh	NC	-	-	-	-	-	-	-
CONDUCTIVITY (umho/cm)	1,001	1,063	956	758	734	830	861	749
TURBIDITY (NTU)	NC	-	-	-	-	-	-	-
VISUAL OBSERVATION	Muddy, Slight Sheen							

LEGEND: NC = Not Collected
ND = Not Detected

Day Environmental, Inc.
2144 Brighton-Henrietta Town Line Road
Rochester, New York 14623

WELL DEVELOPMENT DATA
MW-9

SITE LOCATION: 14-60 Charlotte Street, Rochester N.Y.

JOB#: 2089S-99

DATE/ TIME	5/10/00 16:10	16:17	16:20	16:24	16:26	16:30	16:31	
EVACUATION METHOD	Centrifugal Pump							
PID (PPM)	14.4							
DEPTH OF WELL (FT)	14.23						14.33	
STATIC WATER LEVEL (SWL) FT	7.08						7.22	
VOLUME EVACUATED (GAL)	0	1.0	1.0	1.5	1.0	1.0		
TOTAL VOLUME EVACUATED (GAL)	Initial	1.0	2.0	3.5	4.5	5.5		
TEMPERATURE (^{O}F)	16.3	14.3	17.5	15.6	15.8	16.0		
pH	7.51	7.48	7.40	7.43	7.41	7.39		
Eh	NC	-	-	-	-	-		
CONDUCTIVITY (umho/cm)	946	916	980	949	928	941		
TURBIDITY (NTU)	NC	-	-	-	-	-		
VISUAL OBSERVATION	Muddy							

LEGEND: NC = Not Collected
ND = Not Detected

Day Environmental, Inc.
2144 Brighton-Henrietta Town Line Road
Rochester, New York 14623

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

Mw-2

SECTION 1

SITE LOCATION: Charlotte St. **JOB# :** 2089S-99

PROJECT NAME: Subsurface Investigation **DATE :** 5/16/00

SAMPLE COLLECTOR(S): J. Dorety, K. Hampton

WEATHER CONDITIONS: Partly Cloudy ~50°

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 10.20 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 6.69 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 3.51 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: .22

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)	CALCULATIONS
2" (0.1667)	0.1632	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN
1.25 (0.1042)	0.0638	X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: .67 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: 1.0

PURGE METHOD: 3'Bailer **PURGE START:** 9:25 **END:** 9:40

SECTION 3 - SAMPLE IDENTIFICATION

SAMPLE ID #	TIME / DATE	SAMPLING METHOD	ANALYTICAL SCAN(S)	SAMPLE APPEARANCE
2089-W2-01	5/16/00 10:27	3'Bailer	8260 TCL+STARS/ TPH 310.13	Cloudy

SECTION 4 - SAMPLE DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL	PID/FID READING
6.89	12.0	7.13	966us	NC	Cloudy	2.3/1.0

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

Mw-3

SECTION 1

SITE LOCATION: Charlotte St. **JOB# :** 2089S-99

PROJECT NAME: Subsurface Investigation **DATE :** 5/15/00

SAMPLE COLLECTOR(S): J. Dorety, K. Hampton

WEATHER CONDITIONS: Partly Cloudy ~50°

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 10.59 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 6.84 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 3.75 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 0.24

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT (GAL/FT)	CALCULATIONS
2" (0.1667)	0.1632	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT
1.25 (0.1042)	0.0638	

CALCULATED PURGE VOLUME [GAL]: 0.72 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~1.0

PURGE METHOD: 3' Bailer **PURGE START:** 11:42 **END:** 11:55

SECTION 3 - SAMPLE IDENTIFICATION

SAMPLE ID #	TIME / DATE	SAMPLING METHOD	ANALYTICAL SCAN(S)	SAMPLE APPEARANCE
2089-W3-01	5/15/00 14:45	3'Bailer	8260 TCL + STARS/ TPH 310.13	Cloudy, Fines

SECTION 4 - SAMPLE DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL	PID/FID READING
6.86	11.8	6.71	722us	NC	Cloudy	1.2/0.0

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

Mw-8

SECTION 1

SITE LOCATION: Charlotte St. **JOB# :** 2089S-99

PROJECT NAME: Subsurface Investigation **DATE :** 5/15/00

SAMPLE COLLECTOR(S): J. Dorety, K. Hampton

WEATHER CONDITIONS: Partly Cloudy ~50°

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 13.0 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 7.19 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 5.81 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: .95

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)	CALCULATIONS
2" (0.1667)	0.1632	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN
1.25 (0.1042)	0.0638	X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 2.85 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~3.50

PURGE METHOD: Centrifugal Pump **PURGE START:** 13:10 **END:** 13:15

SECTION 3 - SAMPLE IDENTIFICATION

SAMPLE ID #	TIME / DATE	SAMPLING METHOD	ANALYTICAL SCAN(S)	SAMPLE APPEARANCE
2089-W8-01 2089-ms/msd-01	5/15/00 16:10	3'Bailer	8260 TCL + STARS/ TPH 310.13	Slightly Cloudy

SECTION 4 - SAMPLE DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL	PID/FID READING
7.20	11.7	7.22	984us	NC	Slightly Cloudy	40.0/10.3

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

Mw-9

SECTION 1

SITE LOCATION: Charlotte St. **JOB# :** 2089S-99

PROJECT NAME: Subsurface Investigation **DATE :** 5/15/00

SAMPLE COLLECTOR(S): J. Dorety, K. Hampton

WEATHER CONDITIONS: Partly Cloudy ~50°

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 14.40 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 6.55 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 7.85 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 1.28

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT (GAL/FT)	CALCULATIONS
2" (0.1667)	0.1632	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT
1.25 (0.1042)	0.0638	

CALCULATED PURGE VOLUME [GAL]: 3.84 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~4.0

PURGE METHOD: Centrifugal Pump **PURGE START:** 12:21 **END:** 12:26

SECTION 3 - SAMPLE IDENTIFICATION

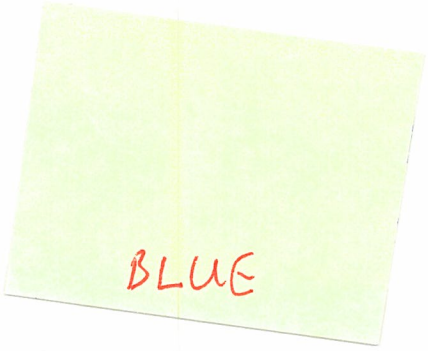
SAMPLE ID #	TIME / DATE	SAMPLING METHOD	ANALYTICAL SCAN(S)	SAMPLE APPEARANCE
2089-W9-01	5/15/00 14:55	3'Bailer	8260 TCL + STARS/ TPH 310.13	Slightly Cloudy

SECTION 4 - SAMPLE DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL	PID/FID READING
6.60	12.8	7.06	797us	NC	Slightly Cloudy	0.9/0.0

APPENDIX F

Analytical Laboratory Data



Soil Samples

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-0785
		Lab Sample No.:	3026
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99		
		Date Sampled:	04/18/00
Field Location:	TB-4@7.5'	**Date Received:**	04/20/00
Field ID No:	2089-04	**Date Analyzed:**	04/27/00

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Light Weight PHC as Kerosene	561,000	8,620

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000785P1.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-0785
		Lab Sample No.:	3027
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99	**Date Sampled:**	04/18/00
Field Location:	TB-7@10.0'	**Date Received:**	04/20/00
Field ID No:	2089-07	**Date Analyzed:**	04/25/00

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Medium Weight PHC as Diesel Fuel	627,000	7,610

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000785P2.XLS

PARADIGM
Environmental Services, Inc.
179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-0785
		Lab Sample No.:	3030
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089-S-99	**Date Sampled:**	04/19/2000
Field Location:	TB-16@1.5'	**Date Received:**	04/20/2000
Field ID No:	2089-16	**Date Analyzed:**	04/26/2000

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Medium Weight PHC as Diesel Fuel	10,200	9,150
Heavy Weight PHC as Lube Oil	205,000	9,150

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000785P3.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-0785
		Lab Sample No.:	3031
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99	**Date Sampled:**	04/19/2000
Field Location:	TB-17@10.5'	**Date Received:**	04/20/2000
Field ID No:	2089-17	**Date Analyzed:**	04/26/2000

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Light Weight PHC as Mineral Spirits	169,000	8,980
Heavy Weight PHC as Lube Oil	178,000	8,980

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000785P8.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-0785
		Lab Sample No.:	3032
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99	**Date Sampled:**	04/19/2000
Field Location:	TB-18@10.0'	**Date Received:**	04/20/2000
Field ID No:	2089-18	**Date Analyzed:**	04/27/2000

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Light Weight PHC as Mineral Spirits	92,800	9,060
Heavy Weight PHC as Lube Oil	22,000	9,060

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000785P9.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-0785
		Lab Sample No.:	3033
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99		
		Date Sampled:	04/19/2000
Field Location:	TB-26@12.0'	**Date Received:**	04/20/2000
Field ID No:	2089-26	**Date Analyzed:**	04/27/2000

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Light Weight PHC as Mineral Spirits	98,200	8,920
Heavy Weight PHC as Lube Oil	22,500	8,920

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000785Q3.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-0785
		Lab Sample No.:	3034
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99	**Date Sampled:**	04/19/00
Field Location:	TB-29@8.5'	**Date Received:**	04/20/00
Field ID No:	2089-29	**Date Analyzed:**	04/27/00

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Light Weight PHC as Kerosene	17,500	8,640

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000785P6.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-0785
		Lab Sample No.:	3035
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Water
Client Job No.:	2089S-99		
		Date Sampled:	04/19/2000
Field Location:	Field Blank	**Date Received:**	04/20/2000
Field ID No:	2089-FB	**Date Analyzed:**	04/27/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000785P0.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-0785
		Lab Sample No.:	3044
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99	**Date Sampled:**	04/19/00
Field Location:	TB-23@8'	**Date Received:**	04/20/00
Field ID No:	2089-23	**Date Analyzed:**	04/26/00

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	9,000

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000785P7.XLS

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

SEMI-VOLATILE PHC
SPIKE RECOVERY SUMMARY FORM
Soil Method

Lab Sample ID	Field Location			PHC Spike	Percent Recovery
LCS	N/A			Diesel Fuel #2	55.5
LCS Dup	N/A			Diesel Fuel #2	68.5
3030MS	TB-16@1.5'			Diesel Fuel #2	91.6
3030MSD	TB-16@1.5'			Diesel Fuel #2	68.4
3031MS	TB-17@10.5'			Diesel Fuel #2	64.4
3031MSD	TB-17@10.5'			Diesel Fuel #2	83.2

Comments:

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Polychlorinated Biphenyls Laboratory Analysis Report For Soil/Sludge/Oil

Client:	Day Environmental, Inc	**Lab Project No.:**	00-0785
		Lab Sample No.:	3031
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99	**Date Sampled:**	04/19/00
Field Location:	TB-17@10.5'	**Date Received:**	04/20/00
Field ID No:	2089-17	**Date Analyzed:**	04/25/00

Polychlorinated Biphenyl	Result (mg/Kg)	Reporting Limit (mg/Kg)
PCB 1016	ND	0.52
PCB 1221	ND	0.52
PCB 1232	ND	0.52
PCB 1242	ND	0.52
PCB 1248	ND	0.52
PCB 1254	ND	0.52
PCB 1260	ND	0.52

Analytical Method: EPA 8080 ELAP ID No.: 10958

Comments: ND denotes Not Detected.

Approved By: _____
Laboratory Director

File ID: 000785Q2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

SEMI-VOLATILE PCB
SPIKE RECOVERY SUMMARY FORM
Soil Method

Lab Sample ID	Field Location			PCB Spike	Percent Recovery
LCS	N/A			PCB 1248	98.2
LCS Dup	N/A			PCB 1248	96.0
3031 MS	TB-17@10.5'			PCB 1248	104
3031 MSD	TB-17@10.5'			PCB 1248	106

	Spike % Recovery
Advisory QC Limits:	50 - 150%

Comments:

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental, Inc
Client Job Site: Charlotte Street, Rochester, NY
Client Job No.: 2089S-99
Field Location: TB-4@7.5'
Field ID No.: 2089-04

Lab Project No. 00-0785
Lab Sample No. 3026
Sample Type: Soil
Date Sampled: 04/18/00
Date Received: 04/20/00
Date Analyzed: 04/24/00

COMPOUND	RESULT (ug/Kg)
Naphthalene	6,790
Acenaphthene	ND< 345
Fluorene	ND< 345
Fluoranthene	ND< 345
Anthracene	ND< 345
Phenanthrene	ND< 345
Benzo (a) anthracene	ND< 345
Chrysene	ND< 345
Pyrene	ND< 345
Benzo (b) fluoranthene	ND< 345
Benzo (k) fluoranthene	ND< 345
Benzo (g,h,i) perylene	ND< 345
Benzo (a) pyrene	ND< 345
Dibenz (a,h) anthracene	ND< 345
Indeno (1,2,3-cd) pyrene	ND< 345

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental, Inc
Client Job Site: Charlotte Street, Rochester, NY
Client Job No.: 2089S-99
Field Location: TB-7@10.0'
Field ID No.: 2089-07

Lab Project No. 00-0785
Lab Sample No. 3027
Sample Type: Soil
Date Sampled: 04/18/00
Date Received: 04/20/00
Date Analyzed: 04/24/00

COMPOUND	RESULT (ug/Kg)
Naphthalene	766
Acenaphthene	431
Fluorene	584
Fluoranthene	ND< 305
Anthracene	ND< 305
Phenanthrene	1,700
Benzo (a) anthracene	ND< 305
Chrysene	ND< 305
Pyrene	ND< 305
Benzo (b) fluoranthene	ND< 305
Benzo (k) fluoranthene	ND< 305
Benzo (g,h,i) perylene	ND< 305
Benzo (a) pyrene	ND< 305
Dibenz (a,h) anthracene	ND< 305
Indeno (1,2,3-cd) pyrene	ND< 305

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

000785S2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental, Inc

Client Job Site: Charlotte Street
Rochester, NY

Client Job No.: 2089S-99

Field Location: TB-8@6.0'

Field ID No.: 2089-08

Lab Project No. 00-0785
Lab Sample No. 3028

Sample Type: Soil

Date Sampled: 04/18/00
Date Received: 04/20/00
Date Analyzed: 04/24/00

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 357
Acenaphthene	ND< 357
Fluorene	ND< 357
Fluoranthene	ND< 357
Anthracene	ND< 357
Phenanthrene	ND< 357
Benzo (a) anthracene	ND< 357
Chrysene	ND< 357
Pyrene	ND< 357
Benzo (b) fluoranthene	ND< 357
Benzo (k) fluoranthene	ND< 357
Benzo (g,h,i) perylene	ND< 357
Benzo (a) pyrene	ND< 357
Dibenz (a,h) anthracene	ND< 357
Indeno (1,2,3-cd) pyrene	ND< 357

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

000785S3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental, Inc
Client Job Site: Charlotte Street, Rochester, NY
Client Job No.: 2089S-99
Field Location: TB-9@11.5'
Field ID No.: 2089-09

Lab Project No. 00-0785
Lab Sample No. 3029
Sample Type: Soil
Date Sampled: 04/18/00
Date Received: 04/20/00
Date Analyzed: 04/24/00

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 364
Acenaphthene	ND< 364
Fluorene	ND< 364
Fluoranthene	ND< 364
Anthracene	ND< 364
Phenanthrene	ND< 364
Benzo (a) anthracene	ND< 364
Chrysene	ND< 364
Pyrene	ND< 364
Benzo (b) fluoranthene	ND< 364
Benzo (k) fluoranthene	ND< 364
Benzo (g,h,i) perylene	ND< 364
Benzo (a) pyrene	ND< 364
Dibenz (a,h) anthracene	ND< 364
Indeno (1,2,3-cd) pyrene	ND< 364

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental, Inc
Client Job Site: Charlotte Street, Rochester, NY
Client Job No.: 2089S-99
Field Location: TB-17@10.5'
Field ID No.: 2089-17

Lab Project No. 00-0785
Lab Sample No. 3031
Sample Type: Soil
Date Sampled: 04/19/00
Date Received: 04/20/00
Date Analyzed: 04/25/00

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 360
Acenaphthene	ND< 360
Fluorene	ND< 360
Fluoranthene	ND< 360
Anthracene	ND< 360
Phenanthrene	ND< 360
Benzo (a) anthracene	ND< 360
Chrysene	ND< 360
Pyrene	ND< 360
Benzo (b) fluoranthene	ND< 360
Benzo (k) fluoranthene	ND< 360
Benzo (g,h,i) perylene	ND< 360
Benzo (a) pyrene	ND< 360
Dibenz (a,h) anthracene	ND< 360
Indeno (1,2,3-cd) pyrene	ND< 360

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

000785S5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental, Inc

Client Job Site: Charlotte Street
Rochester, NY

Client Job No.: 2089S-99

Field Location: TB-26@12.0'

Field ID No.: 2089-26

Lab Project No. 00-0785
Lab Sample No. 3033

Sample Type: Soil

Date Sampled: 04/19/00
Date Received: 04/20/00
Date Analyzed: 04/25/00

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 357
Acenaphthene	ND< 357
Fluorene	ND< 357
Fluoranthene	ND< 357
Anthracene	ND< 357
Phenanthrene	ND< 357
Benzo (a) anthracene	ND< 357
Chrysene	ND< 357
Pyrene	ND< 357
Benzo (b) fluoranthene	ND< 357
Benzo (k) fluoranthene	ND< 357
Benzo (g,h,i) perylene	ND< 357
Benzo (a) pyrene	ND< 357
Dibenz (a,h) anthracene	ND< 357
Indeno (1,2,3-cd) pyrene	ND< 357

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

000785S6.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental, Inc

Client Job Site: Charlotte Street
Rochester, NY

Client Job No.: 2089S-99

Field Location: TB-29@8.5'

Field ID No.: 2089-29

Lab Project No. 00-0785
Lab Sample No. 3034

Sample Type: Soil

Date Sampled: 04/19/00
Date Received: 04/20/00
Date Analyzed: 04/25/00

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 345
Acenaphthene	ND< 345
Fluorene	ND< 345
Fluoranthene	ND< 345
Anthracene	ND< 345
Phenanthrene	ND< 345
Benzo (a) anthracene	ND< 345
Chrysene	ND< 345
Pyrene	ND< 345
Benzo (b) fluoranthene	ND< 345
Benzo (k) fluoranthene	ND< 345
Benzo (g,h,i) perylene	ND< 345
Benzo (a) pyrene	ND< 345
Dibenz (a,h) anthracene	ND< 345
Indeno (1,2,3-cd) pyrene	ND< 345

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

000786S7.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Water (STARS List)

Client: Day Environmental, Inc

Client Job Site: Charlotte Street
Rochester, NY

Client Job No.: 2089S-99

Field Location: Field Blank

Field ID No.: 2089-FB

Lab Project No.: 00-0785
Lab Sample No.: 3035

Sample Type: Water

Date Sampled: 04/19/00
Date Received: 04/20/00
Date Analyzed: 04/26/00

COMPOUND	RESULT (ug/L)
Naphthalene	ND< 10.0
Acenaphthene	ND< 10.0
Fluorene	ND< 10.0
Fluoranthene	ND< 10.0
Anthracene	ND< 10.0
Phenanthrene	ND< 10.0
Benzo (a) anthracene	ND< 10.0
Chrysene	ND< 10.0
Pyrene	ND< 10.0
Benzo (b) fluoranthene	ND< 10.0
Benzo (k) fluoranthene	ND< 10.0
Benzo (g,h,i) perylene	ND< 10.0
Benzo (a) pyrene	ND< 10.0
Dibenz (a,h) anthracene	ND< 10.0
Indeno (1,2,3-cd) pyrene	ND< 10.0

EPA Analytical Method: 8270 NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental, Inc
Client Job Site: Charlotte Street, Rochester, NY
Client Job No.: 2089S-99
Field Location: TB-3@9'
Field ID No.: 2089-03

Lab Project No. 00-0785
Lab Sample No. 3043
Sample Type: Soil
Date Sampled: 04/18/00
Date Received: 04/20/00
Date Analyzed: 04/25/00

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 358
Acenaphthene	ND< 358
Fluorene	ND< 358
Fluoranthene	ND< 358
Anthracene	ND< 358
Phenanthrene	ND< 358
Benzo (a) anthracene	ND< 358
Chrysene	ND< 358
Pyrene	ND< 358
Benzo (b) fluoranthene	ND< 358
Benzo (k) fluoranthene	ND< 358
Benzo (g,h,i) perylene	ND< 358
Benzo (a) pyrene	ND< 358
Dibenz (a,h) anthracene	ND< 358
Indeno (1,2,3-cd) pyrene	ND< 358

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

SEMI-VOLATILES
LABORATORY CONTROL SAMPLE RECOVERY SUMMARY FORM
Soil Method

Percent Recovery

		Base-Neutrals						Acids				
Lab Sample ID	Field Location	Pyrene	1,4-Dichoro benzene	N-Nitroso-di-n-propylamine	1,2,4-Trichlo benzene	Acenaph thene	2,4-Dinitro toluene	2-Chloro phenol	Phenol	4-Chloro 3-methyl phenol	4-Nitro phenol	Penta chloro phenol
LCS	N/A	110	57.8	69.6	62.7	61.1	50.7	N/A	N/A	N/A	N/A	N/A
LCSD	N./A	105	55.6	64.6	61.2	75.0	49.2	N/A	N/A	N/A	N/A	N/A
3031 MS	TB-17@10.5'	104	49.1	46.9	48.2	50.4	45.9	N/A	N/A	N/A	N/A	N/A
3031 MSD	TB-17@10.5'	114	54.9	52.9	52.8	54.6	49.9	N/A	N/A	N/A	N/A	N/A

LCS Recovery
Windows
CLP SOW OLM01.0
SW-846 8270

BASE-NEUTRALS	{CLP SOW}	{SW846}
1,4-Dichorobenzene	28-104%	20-124%
N-Nitroso-di-n-propylamine	41-126%	D-230
1,2,4-Trichlobenzene	38-107%	44-142%
Acenaphthene	31-137%	47-145%
2,4-Dinitrotoluene	28-89%	39-139%
Pyrene	35-142%	52-115%

ACIDS	{CLP SOW}	{SW846}
2-Chlorophenol	25-102%	23-134%
Phenol	26-90%	5-112%
4-Chloro-3-methyphen	26-103%	22-147%
4-Nitrophenol	11-114%	D-132%
Pentachlorophenol	17-109%	14-176%

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

Client:	Day Environmental, Inc.	**Lab Project No:**	00-0785
		Lab Sample No:	3026
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No:	2089S-99		
		Date Sampled:	04/18/00
Field Location:	TB-4 @ 7.5'	**Date Received:**	04/20/00
Field ID No:	2089-04	**Date Analyzed:**	04/22/00

VOLATILE HALOCARBONS	RESULTS (ug/Kg)	VOLATILE AROMATICS	RESULTS (ug/Kg)
Bromodichloromethane	ND< 1,660	Benzene	ND< 1,660
Bromomethane	ND< 1,660	Chlorobenzene	ND< 1,660
Bromoform	ND< 1,660	Ethylbenzene	9,010
Carbon tetrachloride	ND< 1,660	Toluene	15,600
Chloroethane	ND< 1,660	m,p - Xylene	36,800
Chloromethane	ND< 1,660	o - Xylene	13,800
2-Chloroethyl vinyl ether	ND< 1,660	Styrene	ND< 1,660
Chloroform	ND< 1,660		
Dibromochloromethane	ND< 1,660		
1,1-Dichloroethane	ND< 1,660		
1,2-Dichloroethane	ND< 1,660		
1,1-Dichloroethene	ND< 1,660		
trans-1,2-Dichloroethene	ND< 1,660	**Ketones & Misc.**	
1,2-Dichloropropane	ND< 1,660	Acetone	ND< 6,620
cis-1,3-Dichloropropene	ND< 1,660	Vinyl acetate	ND< 3,310
trans-1,3-Dichloropropene	ND< 1,660	2-Butanone	ND< 3,310
Methylene chloride	ND< 4,140	4-Methyl-2-pentanone	ND< 3,310
1,1,2,2-Tetrachloroethane	ND< 1,660	2-Hexanone	ND< 3,310
Tetrachloroethene	ND< 1,660	Carbon disulfide	ND< 3,310
1,1,1-Trichloroethane	ND< 1,660		
1,1,2-Trichloroethane	ND< 1,660		
Trichloroethene	ND< 1,660		
Vinyl Chloride	ND< 1,660		

Analytical Method: EPA 8260

ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Aromatic Analysis Report For Soil/Sludge

(Additional 8260 compounds)

Client:	Day Environmental, Inc.	**Lab Project No.:**	00-0785
		Lab Sample No.:	3026
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99		
		Date Sampled:	04/18/00
Field Location:	TB-4 @ 7.5'	**Date Received:**	04/20/00
Field ID No.:	2089-04	**Date Analyzed:**	04/22/00

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 1,660
Isopropylbenzene	ND< 1,660
n-Propylbenzene	4,600
1,3,5-Trimethylbenzene	10,800
tert-Butylbenzene	ND< 1,660
1,2,4-Trimethylbenzene	35,100
sec-Butylbenzene	ND< 1,660
p-Isopropyltoluene	ND< 1,660
n-Butylbenzene	ND< 1,660
Naphthalene	ND< 1,660

Analytical Method: EPA 8260 NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

Client:	Day Environmental, Inc.	**Lab Project No:**	00-0785
		Lab Sample No:	3032
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No:	2089S-99		
		Date Sampled:	04/19/2000
Field Location:	TB-18 @ 10.0'	**Date Received:**	04/20/2000
Field ID No:	2089-18	**Date Analyzed:**	04/20/2000

VOLATILE HALOCARBONS	RESULTS (ug/Kg)	VOLATILE AROMATICS	RESULTS (ug/Kg)
Bromodichloromethane	ND< 11.6	Benzene	ND< 11.6
Bromomethane	ND< 11.6	Chlorobenzene	ND< 11.6
Bromoform	ND< 11.6	Ethylbenzene	ND< 11.6
Carbon tetrachloride	ND< 11.6	Toluene	ND< 11.6
Chloroethane	ND< 11.6	m,p - Xylene	11.8
Chloromethane	ND< 11.6	o - Xylene	ND< 11.6
2-Chloroethyl vinyl ether	ND< 11.6	Styrene	ND< 11.6
Chloroform	ND< 11.6		
Dibromochloromethane	ND< 11.6		
1,1-Dichloroethane	ND< 11.6		
1,2-Dichloroethane	ND< 11.6		
1,1-Dichloroethene	ND< 11.6		
trans-1,2-Dichloroethene	ND< 11.6	**Ketones & Misc.**	
1,2-Dichloropropane	ND< 11.6	Acetone	ND< 57.9
cis-1,3-Dichloropropene	ND< 11.6	Vinyl acetate	ND< 28.9
trans-1,3-Dichloropropene	ND< 11.6	2-Butanone	ND< 28.9
Methylene chloride	ND< 28.9	4-Methyl-2-pentanone	ND< 28.9
1,1,2,2-Tetrachloroethane	ND< 11.6	2-Hexanone	ND< 28.9
Tetrachloroethene	ND< 11.6	Carbon disulfide	ND< 28.9
1,1,1-Trichloroethane	ND< 11.6		
1,1,2-Trichloroethane	ND< 11.6		
Trichloroethene	ND< 11.6		
Vinyl Chloride	ND< 11.6		

Analytical Method: EPA 8260 ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Aromatic Analysis Report For Soil/Sludge

(Additional 8260 Compounds)

Client:	Day Environmental, Inc.	**Lab Project No.:**	00-0785
		Lab Sample No.:	3032
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99		
		Date Sampled:	04/19/00
Field Location:	TB-18 @10.0'	**Date Received:**	04/20/00
Field ID No.:	2089-18	**Date Analyzed:**	04/25/00

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 11.1
Isopropylbenzene	ND< 11.1
n-Propylbenzene	ND< 11.1
1,3,5-Trimethylbenzene	ND< 11.1
tert-Butylbenzene	ND< 11.1
1,2,4-Trimethylbenzene	ND< 11.1
sec-Butylbenzene	33.5
p-Isopropyltoluene	ND< 11.1
n-Butylbenzene	ND< 11.1
Naphthalene	ND< 27.9

Analytical Method: EPA 8260 NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

Client:	Day Environmental, Inc.	**Lab Project No:**	00-0785
		Lab Sample No:	3033
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No:	2089S-99		
		Date Sampled:	04/19/2000
Field Location:	TB-26 @ 12.0'	**Date Received:**	04/20/2000
Field ID No:	2089-26	**Date Analyzed:**	04/20/2000

VOLATILE HALOCARBONS	RESULTS (ug/Kg)	VOLATILE AROMATICS	RESULTS (ug/Kg)
Bromodichloromethane	ND< 11.0	Benzene	ND< 11.0
Bromomethane	ND< 11.0	Chlorobenzene	ND< 11.0
Bromoform	ND< 11.0	Ethylbenzene	ND< 11.0
Carbon tetrachloride	ND< 11.0	Toluene	ND< 11.0
Chloroethane	ND< 11.0	m,p - Xylene	ND< 11.0
Chloromethane	ND< 11.0	o - Xylene	ND< 11.0
2-Chloroethyl vinyl ether	ND< 11.0	Styrene	ND< 11.0
Chloroform	ND< 11.0		
Dibromochloromethane	ND< 11.0		
1,1-Dichloroethane	ND< 11.0		
1,2-Dichloroethane	ND< 11.0		
1,1-Dichloroethene	ND< 11.0		
trans-1,2-Dichloroethene	ND< 11.0	**Ketones & Misc.**	
1,2-Dichloropropane	ND< 11.0	Acetone	ND< 55.1
cis-1,3-Dichloropropene	ND< 11.0	Vinyl acetate	ND< 27.5
trans-1,3-Dichloropropene	ND< 11.0	2-Butanone	ND< 27.5
Methylene chloride	ND< 27.5	4-Methyl-2-pentanone	ND< 27.5
1,1,2,2-Tetrachloroethane	ND< 11.0	2-Hexanone	ND< 27.5
Tetrachloroethene	ND< 11.0	Carbon disulfide	ND< 27.5
1,1,1-Trichloroethane	ND< 11.0		
1,1,2-Trichloroethane	ND< 11.0		
Trichloroethene	ND< 11.0		
Vinyl Chloride	ND< 11.0		

Analytical Method: EPA 8260 ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Aromatic Analysis Report For Soil/Sludge

(Additional 8260 Compounds)

Client:	Day Environmental, Inc.	**Lab Project No.:**	00-0785
		Lab Sample No.:	3033
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99		
		Date Sampled:	04/19/00
Field Location:	TB-26 @ 12.0'	**Date Received:**	04/20/00
Field ID No.:	2089-26	**Date Analyzed:**	04/25/00

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 9.63
Isopropylbenzene	ND< 9.63
n-Propylbenzene	ND< 9.63
1,3,5-Trimethylbenzene	ND< 9.63
tert-Butylbenzene	ND< 9.63
1,2,4-Trimethylbenzene	ND< 9.63
sec-Butylbenzene	17.3
p-Isopropyltoluene	ND< 9.63
n-Butylbenzene	ND< 9.63
Naphthalene	ND< 24.1

Analytical Method: EPA 8260 NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: _____
Laboratory Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue

Rochester, NY 14608

(716) 647-2530 * (800) 724-1997

CHAIN OF CUSTODY

REPORT TO:			INVOICE TO:			LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: Day Environmental, Inc.			COMPANY:			00-0785	20895-99
ADDRESS: 2144 BHTL Rd,			ADDRESS: Same			TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester	STATE: NY	ZIP: 14623	CITY:	STATE:	ZIP:	☐ 1 ☐ 2 ☐ 3 ☒ 5 STD	OTHER ☐
PHONE: 292-1090	FAX: 292-0425		PHONE:	FAX:			
ATTN: Jeff Danzinger			ATTN:				

PROJECT NAME/SITE NAME: Charlotte Street Rochester, NY

COMMENTS: Joe Doiety #118 8270 Stars TB-3, 9 ft 10:50 4-18-00 / TB-23 8 ft 1125 4-19-00 } received at lab ok per Joe Doiety

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCL 8260+Tank	8270 STARS	TPH 310.13	PCB's 8080	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	4/18/00	1125		X	TB-4@7.5'/2089-04	Soil	1	X	X	X			3026
2	↓	1230		X	TB-7@10.0'/2089-07	↓	1		X	X			3027
3	↓	1350		X	TB-8@6.0'/2089-08	↓	1		X				3028
4	↓	1410		X	TB-9@11.5'/2089-09	↓	1		X				3029
5	4/19/00	0830	X		TB-16@1.5'/2089-16 (MS/MSD)	↓	2			X		Composite in lab (QA/QC)	3030
6	↓	0900		X	TB-17@10.5'/2089-17 (MS/MSD)	↓	~~2~~ ⌀		X	X	X	~~Com~~ ↓ ⌀	3031
7	↓	0950		X	TB-18@10.0'/2089-18	↓	1	X		X			3032
8	↓	1315		X	TB-26@12.0'/2089-26	↓	1	X	X	X			3033
9	↓	1355		X	TB-29@8.5'/2089-29	↓	1		X	X			3034
10	↓	0915		X	Field Blank/2089-FB	Water	1		X	X		preserved in lab 4/20/00	3035

LAB USE ONLY

~~3013 - TB-3, 8270 Stars~~ ~~3014, TB23, PH 310.13~~

SAMPLE CONDITION: Check box if acceptable or note deviation: CONTAINER TYPE: ☐ PRESERVATIONS: ☐ HOLDING TIME: ☐ TEMPERATURE: ☑ cool on ice

Sampled By: Joseph Doiety	Date/Time:	Received By:	Date/Time:		Total Cost:
Relinquished By: Joseph Doiety (DAY)	Date/Time: 4/20/00 1030	Received By: [signature]	Date/Time: 4/20/00 10:30		
Relinquished By:	Date/Time:	Received @ Lab By: [signature]	Date/Time: 4-20-00 1100		P.I.F.

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental	**Lab Project No.:**	00-0857
		Lab Sample No.:	3306
Client Job Site:	Charlotte St		
		Sample Type:	Soil
Client Job No.:	N/A		
		Date Sampled:	05/01/00
Field Location:	MW-7 (10.0 - 10.7')	**Date Received:**	05/01/00
Field ID No:	N/A	**Date Analyzed:**	05/08/00

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Medium Weight PHC as Desiel Fuel	23,800,000	82,900

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000857V1.XLS

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179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: Day Environmental	COMPANY:	LAB PROJECT #: 00-0857 / CLIENT PROJECT #:
ADDRESS:	ADDRESS:	
CITY: STATE: ZIP:	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 292-1090 FAX: 292-0425	PHONE: FAX:	STD ✓ / OTHER
ATTN: Jeff Danzinger	ATTN:	☐ 1 ☐ 2 ☐ 3 ☑ 5 ☐
COMMENTS:		

PROJECT NAME/SITE NAME: Charlotte St

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TPH 310.13									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/1/00	1040		X	MW-7 (10.0-10.7')	S	1	X										33006
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: ✓

CONTAINER TYPE: ✓ PRESERVATIONS: ✓ HOLDING TIME: ✓ TEMPERATURE: ✓

Sampled By: Dennis M Rode	Date/Time: 5/1/00 410	Received By:	Date/Time: 5/1/00 16:15	Total Cost:
Relinquished By:	Date/Time:	Received By:	Date/Time:	
Relinquished By:	Date/Time:	Received @ Lab By:	Date/Time: 5/1/00 1645	P.I.F.

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

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Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

Client:	Day Environmental	**Lab Project No:**	00-0900
		Lab Sample No:	3529
Client Job Site:	Charlotte St.		
		Sample Type:	Soil
Client Job No:	N/A		
		Date Sampled:	05/02/2000
Field Location:	MW-8 (0-2')	**Date Received:**	05/04/2000
Field ID No:	N/A	**Date Analyzed:**	05/09/2000

VOLATILE HALOCARBONS	RESULTS (ug/Kg)
Bromodichloromethane	ND< 7.96
Bromomethane	ND< 7.96
Bromoform	ND< 7.96
Carbon tetrachloride	ND< 7.96
Chloroethane	ND< 7.96
Chloromethane	ND< 7.96
2-Chloroethyl vinyl ether	ND< 7.96
Chloroform	ND< 7.96
Dibromochloromethane	ND< 7.96
1,1-Dichloroethane	ND< 7.96
1,2-Dichloroethane	ND< 7.96
1,1-Dichloroethene	ND< 7.96
trans-1,2-Dichloroethene	ND< 7.96
1,2-Dichloropropane	ND< 7.96
cis-1,3-Dichloropropene	ND< 7.96
trans-1,3-Dichloropropene	ND< 7.96
Methylene chloride	ND< 19.9
1,1,2,2-Tetrachloroethane	ND< 7.96
Tetrachloroethene	ND< 7.96
1,1,1-Trichloroethane	ND< 7.96
1,1,2-Trichloroethane	ND< 7.96
Trichloroethene	ND< 7.96
Vinyl Chloride	ND< 7.96

VOLATILE AROMATICS	RESULTS (ug/Kg)
Benzene	ND< 7.96
Chlorobenzene	ND< 7.96
Ethylbenzene	ND< 7.96
Toluene	ND< 7.96
m,p - Xylene	ND< 7.96
o - Xylene	ND< 7.96
Styrene	ND< 7.96
Ketones & Misc.	
Acetone	ND< 39.8
Vinyl acetate	ND< 19.9
2-Butanone	ND< 19.9
4-Methyl-2-pentanone	ND< 19.9
2-Hexanone	ND< 19.9
Carbon disulfide	ND< 19.9

Analytical Method: EPA 8260

ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By _____
Laboratory Director

PARADIGM
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179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Aromatic Analysis Report For Soil/Sludge

(Additional 8260 Compounds)

Client:	Day Environmental	Lab Project No.:	00-0900
		Lab Sample No.:	3529
Client Job Site:	Charlotte St.		
		Sample Type:	Soil
Client Job No.:	N/A		
		Date Sampled:	05/02/00
Field Location:	MW-8 (0-2')	Date Received:	05/04/00
Field ID No.:	N/A	Date Analyzed:	05/09/00

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 7.96
Isopropylbenzene	ND< 7.96
n-Propylbenzene	ND< 7.96
1,3,5-Trimethylbenzene	ND< 7.96
tert-Butylbenzene	ND< 7.96
1,2,4-Trimethylbenzene	ND< 7.96
sec-Butylbenzene	ND< 7.96
p-Isopropyltoluene	ND< 7.96
n-Butylbenzene	ND< 7.96
Naphthalene	ND< 19.9

Analytical Method: EPA 8260 NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: _____
Laboratory Director

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VOLATILES
LABORATORY CONTROL SAMPLE RECOVERY SUMMARY FORM
Soil Method

		Percent Recovery				
Lab Sample ID	Field Location	1,1-Dichloro ethene	Trichloro ethene	Benzene	Toluene	Chloro benzene
LCS	N/A	109	97.3	105	103	98.2
LCS Dup	N/A	118	104	112	112	107
3529 MS	MW-8 (0-2')	94.8	84.1	92.0	93.3	95.4
3529 MSD	MW-8 (0-2')	104	91.1	89.7	95.7	101

LCS Recovery Windows
CLP SOW OLM01.0
SW-846 8240

VOLATILE	{CLP SOW}	{SW846}
1,2-Dichloroethene	59-172%	D-234%
Trichloroethene	62-137%	71-157%
Benzene	66-142%	37-151%
Toluene	59-139%	47-150%
Chlorobenzene	60-133%	37-160%

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental	Lab Project No.:	00-0900
		Lab Sample No.:	3529
Client Job Site:	Charlotte St		
		Sample Type:	Soil
Client Job No.:	N/A		
		Date Sampled:	05/02/00
Field Location:	MW-8 (0-2')	Date Received:	05/04/00
Field ID No:	N/A	Date Analyzed:	05/11/00

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Medium Weight PHC as Diesel Fuel	1,250,000	8,280

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 000900S1.XLS

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SEMI-VOLATILE PHC
SPIKE RECOVERY SUMMARY FORM
Soil Method

Lab Sample ID	Field Location			PHC Spike	Percent Recovery
LCS	N/A			Diesel	55.5
LCS Dup	N/A			Diesel	68.5
3529 MS	MW-8 (0-2')			Lube Oil	NR
3529 MSD	MW-8 (0-2')			Lube Oil	NR

Comments: NR denotes Not Recovered. Sample concentration exceeds recoverable spike concentration

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue

Rochester, NY 14608

(716) 647-2530 * (800) 724-1997

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY:	COMPANY:	LAB PROJECT #: / CLIENT PROJECT #:
ADDRESS:	ADDRESS:	
CITY: STATE: ZIP:	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: FAX:	PHONE: FAX:	STD ☐1 ☐2 ☐3 ☑5 OTHER ☐
PROJECT NAME/SITE NAME:	ATTN:	ATTN:
	COMMENTS:	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS										REMARKS	PARADIGM LAB SAMPLE NUMBER				
1				X			1	X	X													
2				X			1	X	X													
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: CONTAINER TYPE: ☐ PRESERVATIONS: ☐ HOLDING TIME: ☐ TEMPERATURE: ☐

Sampled By:	Date/Time:	Received By:	Date/Time: 5/4/00 11:00
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received @ Lab By:	Date/Time: 5/4/00 1105

Total Cost:

P.I.F.

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

May 10, 2000

Mr. Jeff Danzinger
Day Environmental
2144 Brighton Henrietta TL Rd.
Rochester, NY 14623

PROJECT:CHARLOTTE STREET
Submission #:R2001762

Dear Mr. Danzinger:

Enclosed are the analytical results of the analyses requested. The analytical data was provided to you on 05/09/00 per a Facsimile transmittal. All data has been reviewed prior to report submission.

Should you have any questions please contact me at (716) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Janice Jaeger
Project Chemist

Enc.

Columbia Analytical Services inc.

1 Mustard ST.
Suite 250
Rochester, NY 14609

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Day Environmental
Project Reference: CHARLOTTE STREET
Lab Submission # : R2001762
Reported : 05/10/00

Report Contains a total of 72 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

CASE NARRATIVE

COMPANY: Day Environmental
Charlotte Street
SUBMISSION #: R2001762

Day samples were collected on 04/18-19/00 and received at CAS on 04/20/00 in good condition.

INORGANIC ANALYSIS

Four soil samples and one field blank were analyzed for RCRA Metals by methods 6010B/7000.

Matrix Spike/Duplicate was performed on 2089-14 TB-14 2.0' as requested. All MS and Blank Spikes recoveries were within limits. All RPD's were within limits.

No other analytical or QC problems were encountered with these analyses.

VOLATILE ORGANICS

Ten soil samples, one field blank and one trip blank were analyzed for the TCL plus STARS list of Volatiles by method 8260 from SW-846.

All Tuning criteria for BFB were met.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within acceptance limits except 2089-07 TB-7 10.0' and 2089-09 TB-9 11.5'. 2089-07 TB-07 10.0' was repeated at a dilution due to overrange compounds present in the initial dilution. All surrogates were within limits upon reanalysis. 2089-09 TB-9 11.5' was not repeated due to the severe matrix interference present at the same retention time as 4-Bromofluorobenzene.

2089-08 TB-8 6.0' , 2089-09 TB-9 11.5' and 2089-14 TB-14 11.5' were analyzed at dilutions due to matrix interferences (probably aliphatic compounds).

The Laboratory Blanks associated with these samples were free of contamination.

All samples were analyzed within required holding times.

No other analytical or QC problems were encoutered.

1 Mustard Street, Suite 250 ▪ Rochester, NY 14609-6925 ▪ Telephone (716) 288-5380 ▪ Fax (716) 288-8475

SEMIVOLATILE ORGANICS

One soil sample was analyzed for the STARS list of Semi-Volatiles by method 8270 from SW-846.

All Tuning criteria for DFTPP were within limits.

The initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within limits.

All samples were analyzed and extracted within required holding times.

2089-06 TB-6 11.0' was analyzed at a dilution due to matrix interferences present in the sample.

The Laboratory blanks associated with these samples were free of contamination.

No other analytical or QC problems were encountered.

PCB's

One soil sample and one field blank were analyzed for PCB's by method 8082 from SW-846.

The initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within limits.

All samples were extracted and analyzed within required holding times.

The Laboratory blanks associated with these samples were free of contamination.

No other analytical or QC problems were encountered.

PETROLEUM HYDROCARBONS

One soil sample was analyzed for Petroleum Hydrocarbons by NYSDOH method 310.13.

The initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within limits.

All samples were extracted and analyzed within required holding times.

All Laboratory Blanks associated with these samples were free of contamination.

No other analytical or QC problems were encountered.

Columbia Analytical Services Inc.

Effective 04/01/96

CAS LIST OF QUALIFIERS

(The basis of this proposal are the EPA-CLP Qualifiers)

U - Indicates compound was analyzed for but was not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. For further explanation see case narrative / cover letter.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

N - Spiked sample recovery not within control limits.
(Flag the entire batch - Inorganic analysis only)

* - Duplicate analysis not within control limits.
(Flag the entire batch - Inorganic analysis only)

- Also used to qualify Organics QC data outside limits.

D - Spike diluted out.

S - Reported value determined by Method of Standard Additions. (MSA)

X - As specified in the case narrative.

CAS Lab ID # for State Certifications

NY ID # in Rochester:	10145	NJ ID # in Rochester:	73004
CT ID # in Rochester:	PH0556	RI ID # in Rochester:	158
MA ID # in Rochester:	M-NY032	NH ID # in Rochester:	294198-A
OH EPA # in Rochester:	VAP	AIHA # in Rochester:	7889

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-03 TB-3 9.0'

Date Sampled : 04/18/00 10:50 **Order #:** 373322 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	83.7	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-03 TB-3 9.0'

Date Sampled : 04/18/00 10:50 **Order #:** 373322 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 83.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
SEC-BUTYLBENZENE	5.0	6.0 U	UG/KG
N-BUTYLBENZENE	5.0	6.0 U	UG/KG
TERT-BUTYLBENZENE	5.0	6.0 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	6.0 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
ISOPROPYL BENZENE	5.0	6.0 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	6.0 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
NAPHTHALENE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
N-PROPYLBENZENE	5.0	6.0 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	6.0 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-03 TB-3 9.0'

Date Sampled : 04/18/00 10:50 **Order #:** 373322 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 83.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
M+P-XYLENE	5.0	6.0 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	92	%
TOLUENE-D8	(81 - 117 %)	99	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	93	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-05 TB-5 3.0'

Date Sampled : 04/18/00 11:37 **Order #:** 373323 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	82.8	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-05 TB-5 3.0'

Date Sampled : 04/18/00 11:37 **Order #:** 373323 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	3.80	MG/KG	05/09/00	1.0
BARIUM	6010B	2.00	69.8	MG/KG	05/09/00	1.0
CADMIUM	6010B	0.500	0.604 U	MG/KG	05/09/00	1.0
CHROMIUM	6010B	1.00	8.16	MG/KG	05/09/00	1.0
LEAD	6010B	5.00	141	MG/KG	05/09/00	1.0
MERCURY	7471A	0.0500	0.395	MG/KG	05/03/00	1.0
SELENIUM	6010B	0.500	0.604 U	MG/KG	05/09/00	1.0
SILVER	6010B	1.00	1.21 U	MG/KG	05/09/00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-06 TB-6 11.0'

Date Sampled : 04/18/00 12:05 **Order #:** 373324 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	91.0	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-06 TB-6 11.0'

Date Sampled : 04/18/00 12:05 **Order #:** 373324 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 91.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 5.00			Dry Weight
ACETONE	20	110 U	UG/KG
BENZENE	5.0	27 U	UG/KG
BROMODICHLOROMETHANE	5.0	27 U	UG/KG
BROMOFORM	5.0	27 U	UG/KG
BROMOMETHANE	5.0	27 U	UG/KG
2-BUTANONE (MEK)	10	55 U	UG/KG
SEC-BUTYLBENZENE	5.0	97	UG/KG
N-BUTYLBENZENE	5.0	420	UG/KG
TERT-BUTYLBENZENE	5.0	27 U	UG/KG
CARBON DISULFIDE	10	55 U	UG/KG
CARBON TETRACHLORIDE	5.0	27 U	UG/KG
CHLOROBENZENE	5.0	27 U	UG/KG
CHLOROETHANE	5.0	27 U	UG/KG
CHLOROFORM	5.0	27 U	UG/KG
CHLOROMETHANE	5.0	27 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	27 U	UG/KG
1,1-DICHLOROETHANE	5.0	27 U	UG/KG
1,2-DICHLOROETHANE	5.0	27 U	UG/KG
1,1-DICHLOROETHENE	5.0	27 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	27 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	27 U	UG/KG
1,2-DICHLOROPROPANE	5.0	27 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	27 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	27 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	27 U	UG/KG
ETHYLBENZENE	5.0	27 U	UG/KG
2-HEXANONE	10	55 U	UG/KG
ISOPROPYL BENZENE	5.0	110	UG/KG
P-ISOPROPYLTOLUENE	5.0	48	UG/KG
METHYLENE CHLORIDE	5.0	27 U	UG/KG
NAPHTHALENE	5.0	27 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	55 U	UG/KG
N-PROPYLBENZENE	5.0	440	UG/KG
STYRENE	5.0	27 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	27 U	UG/KG
TETRACHLOROETHENE	5.0	27 U	UG/KG
TOLUENE	5.0	27 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	27 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	27 U	UG/KG
TRICHLOROETHENE	5.0	27 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	57	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	27 U	UG/KG
VINYL CHLORIDE	5.0	27 U	UG/KG
O-XYLENE	5.0	27 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-06 TB-6 11.0'

Date Sampled : 04/18/00 12:05 **Order #:** 373324 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 91.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 5.00			Dry Weight
M+P-XYLENE	5.0	27 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	98	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	89	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-06 TB-6 11.0'

Date Sampled : 04/18/00 12:05 **Order #:** 373324 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 91.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/28/00			
DATE ANALYZED : 05/01/00			
ANALYTICAL DILUTION: 10.00			Dry Weight
ACENAPHTHENE	330	3600 U	UG/KG
ANTHRACENE	330	3600 U	UG/KG
BENZO(A)ANTHRACENE	330	3600 U	UG/KG
BENZO(A)PYRENE	330	3600 U	UG/KG
BENZO(B)FLUORANTHENE	330	3600 U	UG/KG
BENZO(G,H,I)PERYLENE	330	3600 U	UG/KG
BENZO(K)FLUORANTHENE	330	3600 U	UG/KG
INDENO(1,2,3-CD)PYRENE	330	3600 U	UG/KG
CHRYSENE	330	3600 U	UG/KG
DIBENZO(A,H)ANTHRACENE	330	3600 U	UG/KG
FLUORANTHENE	330	3600 U	UG/KG
FLUORENE	330	3600 U	UG/KG
NAPHTHALENE	200	2200 U	UG/KG
PHENANTHRENE	330	3600 U	UG/KG
PYRENE	330	3600 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(18 - 137 %)	77	%
NITROBENZENE-d5	(23 - 120 %)	44	%
2-FLUOROBIPHENYL	(30 - 115 %)	67	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCBS
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-06 TB-6 11.0'

Date Sampled : 04/18/00 12:05 **Order #:** 373324 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 91.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/28/00			
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	400	440 U	UG/KG
PCB 1221	400	440 U	UG/KG
PCB 1232	400	440 U	UG/KG
PCB 1242	400	440 U	UG/KG
PCB 1248	400	440 U	UG/KG
PCB 1254	400	440 U	UG/KG
PCB 1260	400	440 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(30 - 150 %)	84	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	85	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-07 TB-7 10.0'

Date Sampled : 04/18/00 12:30 **Order #:** 373325 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	90.6	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-07 TB-7 10.0'

Date Sampled : 04/18/00 12:30 **Order #:** 373325 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 90.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 5.00			Dry Weight
ACETONE	20	110 U	UG/KG
BENZENE	5.0	28 U	UG/KG
BROMODICHLOROMETHANE	5.0	28 U	UG/KG
BROMOFORM	5.0	28 U	UG/KG
BROMOMETHANE	5.0	28 U	UG/KG
2-BUTANONE (MEK)	10	55 U	UG/KG
SEC-BUTYLBENZENE	5.0	350	UG/KG
N-BUTYLBENZENE	5.0	1100	UG/KG
TERT-BUTYLBENZENE	5.0	29	UG/KG
CARBON DISULFIDE	10	55 U	UG/KG
CARBON TETRACHLORIDE	5.0	28 U	UG/KG
CHLOROBENZENE	5.0	28 U	UG/KG
CHLOROETHANE	5.0	28 U	UG/KG
CHLOROFORM	5.0	28 U	UG/KG
CHLOROMETHANE	5.0	28 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	28 U	UG/KG
1,1-DICHLOROETHANE	5.0	28 U	UG/KG
1,2-DICHLOROETHANE	5.0	28 U	UG/KG
1,1-DICHLOROETHENE	5.0	28 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	28 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	28 U	UG/KG
1,2-DICHLOROPROPANE	5.0	28 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	28 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	28 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	28 U	UG/KG
ETHYLBENZENE	5.0	40	UG/KG
2-HEXANONE	10	55 U	UG/KG
ISOPROPYL BENZENE	5.0	120	UG/KG
P-ISOPROPYLTOLUENE	5.0	440	UG/KG
METHYLENE CHLORIDE	5.0	28 U	UG/KG
NAPHTHALENE	5.0	3500 E	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	55 U	UG/KG
N-PROPYLBENZENE	5.0	330	UG/KG
STYRENE	5.0	28 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	28 U	UG/KG
TETRACHLOROETHENE	5.0	28 U	UG/KG
TOLUENE	5.0	28 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	28 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	28 U	UG/KG
TRICHLOROETHENE	5.0	28 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	610	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	3600 E	UG/KG
VINYL CHLORIDE	5.0	28 U	UG/KG
O-XYLENE	5.0	56	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-07 TB-7 10.0'

Date Sampled : 04/18/00 12:30 **Order #:** 373325 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 90.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 5.00			Dry Weight
M+P-XYLENE	5.0	84	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	122 *	%
TOLUENE-D8	(81 - 117 %)	118 *	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	98	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-07 TB-7 10.0'

Date Sampled : 04/18/00 12:30 **Order #:** 373325 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 90.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 125.00			Dry Weight
ACETONE	20	2800 U	UG/KG
BENZENE	5.0	690 U	UG/KG
BROMODICHLOROMETHANE	5.0	690 U	UG/KG
BROMOFORM	5.0	690 U	UG/KG
BROMOMETHANE	5.0	690 U	UG/KG
2-BUTANONE (MEK)	10	1400 U	UG/KG
SEC-BUTYLBENZENE	5.0	690 U	UG/KG
N-BUTYLBENZENE	5.0	280 J	UG/KG
TERT-BUTYLBENZENE	5.0	690 U	UG/KG
CARBON DISULFIDE	10	1400 U	UG/KG
CARBON TETRACHLORIDE	5.0	690 U	UG/KG
CHLOROBENZENE	5.0	690 U	UG/KG
CHLOROETHANE	5.0	690 U	UG/KG
CHLOROFORM	5.0	690 U	UG/KG
CHLOROMETHANE	5.0	690 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	690 U	UG/KG
1,1-DICHLOROETHANE	5.0	690 U	UG/KG
1,2-DICHLOROETHANE	5.0	690 U	UG/KG
1,1-DICHLOROETHENE	5.0	690 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	690 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	690 U	UG/KG
1,2-DICHLOROPROPANE	5.0	690 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	690 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	690 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	690 U	UG/KG
ETHYLBENZENE	5.0	690 U	UG/KG
2-HEXANONE	10	1400 U	UG/KG
ISOPROPYL BENZENE	5.0	690 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	690 U	UG/KG
METHYLENE CHLORIDE	5.0	690 U	UG/KG
NAPHTHALENE	5.0	1100	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1400 U	UG/KG
N-PROPYLBENZENE	5.0	690 U	UG/KG
STYRENE	5.0	690 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	690 U	UG/KG
TETRACHLOROETHENE	5.0	690 U	UG/KG
TOLUENE	5.0	690 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	690 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	690 U	UG/KG
TRICHLOROETHENE	5.0	690 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	690 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	620 J	UG/KG
VINYL CHLORIDE	5.0	690 U	UG/KG
O-XYLENE	5.0	690 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-07 TB-7 10.0'

Date Sampled : 04/18/00 12:30 **Order #:** 373325 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 90.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 125.00			Dry Weight
M+P-XYLENE	5.0	690 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	117	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	99	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-08 TB-8 6.0'

Date Sampled : 04/18/00 13:50 **Order #:** 373326 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	86.1	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-08 TB-8 6.0'

Date Sampled : 04/18/00 13:50 **Order #:** 373326 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 86.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 5.00			Dry Weight
ACETONE	20	120 U	UG/KG
BENZENE	5.0	29 U	UG/KG
BROMODICHLOROMETHANE	5.0	29 U	UG/KG
BROMOFORM	5.0	29 U	UG/KG
BROMOMETHANE	5.0	29 U	UG/KG
2-BUTANONE (MEK)	10	58 U	UG/KG
SEC-BUTYLBENZENE	5.0	29 U	UG/KG
N-BUTYLBENZENE	5.0	29 U	UG/KG
TERT-BUTYLBENZENE	5.0	29 U	UG/KG
CARBON DISULFIDE	10	58 U	UG/KG
CARBON TETRACHLORIDE	5.0	29 U	UG/KG
CHLOROBENZENE	5.0	29 U	UG/KG
CHLOROETHANE	5.0	29 U	UG/KG
CHLOROFORM	5.0	29 U	UG/KG
CHLOROMETHANE	5.0	29 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	29 U	UG/KG
1,1-DICHLOROETHANE	5.0	29 U	UG/KG
1,2-DICHLOROETHANE	5.0	29 U	UG/KG
1,1-DICHLOROETHENE	5.0	29 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	29 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	29 U	UG/KG
1,2-DICHLOROPROPANE	5.0	29 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	29 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	29 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	29 U	UG/KG
ETHYLBENZENE	5.0	29 U	UG/KG
2-HEXANONE	10	58 U	UG/KG
ISOPROPYL BENZENE	5.0	29 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	29 U	UG/KG
METHYLENE CHLORIDE	5.0	29 U	UG/KG
NAPHTHALENE	5.0	29 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	58 U	UG/KG
N-PROPYLBENZENE	5.0	29 U	UG/KG
STYRENE	5.0	29 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	29 U	UG/KG
TETRACHLOROETHENE	5.0	29 U	UG/KG
TOLUENE	5.0	29 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	29 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	29 U	UG/KG
TRICHLOROETHENE	5.0	29 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	29 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	29 U	UG/KG
VINYL CHLORIDE	5.0	29 U	UG/KG
O-XYLENE	5.0	29 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-08 TB-8 6.0'

Date Sampled : 04/18/00 13:50 **Order #:** 373326 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 86.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 5.00			Dry Weight
M+P-XYLENE	5.0	29 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	97	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	98	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-09 TB-9 11.5'

Date Sampled : 04/18/00 14:10 **Order #:** 373327 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	83.3	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-09 TB-9 11.5'

Date Sampled : 04/18/00 14:10 **Order #:** 373327 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 83.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 125.00			Dry Weight
ACETONE	20	3000 U	UG/KG
BENZENE	5.0	750 U	UG/KG
BROMODICHLOROMETHANE	5.0	750 U	UG/KG
BROMOFORM	5.0	750 U	UG/KG
BROMOMETHANE	5.0	750 U	UG/KG
2-BUTANONE (MEK)	10	1500 U	UG/KG
SEC-BUTYLBENZENE	5.0	750 U	UG/KG
N-BUTYLBENZENE	5.0	750 U	UG/KG
TERT-BUTYLBENZENE	5.0	750 U	UG/KG
CARBON DISULFIDE	10	1500 U	UG/KG
CARBON TETRACHLORIDE	5.0	750 U	UG/KG
CHLOROBENZENE	5.0	750 U	UG/KG
CHLOROETHANE	5.0	750 U	UG/KG
CHLOROFORM	5.0	750 U	UG/KG
CHLOROMETHANE	5.0	750 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	750 U	UG/KG
1,1-DICHLOROETHANE	5.0	750 U	UG/KG
1,2-DICHLOROETHANE	5.0	750 U	UG/KG
1,1-DICHLOROETHENE	5.0	750 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	750 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	750 U	UG/KG
1,2-DICHLOROPROPANE	5.0	750 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	750 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	750 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	750 U	UG/KG
ETHYLBENZENE	5.0	750 U	UG/KG
2-HEXANONE	10	1500 U	UG/KG
ISOPROPYL BENZENE	5.0	750 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	750 U	UG/KG
METHYLENE CHLORIDE	5.0	750 U	UG/KG
NAPHTHALENE	5.0	750 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1500 U	UG/KG
N-PROPYLBENZENE	5.0	750 U	UG/KG
STYRENE	5.0	750 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	750 U	UG/KG
TETRACHLOROETHENE	5.0	750 U	UG/KG
TOLUENE	5.0	750 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	750 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	750 U	UG/KG
TRICHLOROETHENE	5.0	750 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	750 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	750 U	UG/KG
VINYL CHLORIDE	5.0	750 U	UG/KG
O-XYLENE	5.0	750 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-09 TB-9 11.5'

Date Sampled : 04/18/00 14:10 **Order #:** 373327 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 83.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 125.00			Dry Weight
M+P-XYLENE	5.0	750 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	131 *	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	96	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-11 TB-11 2.0'

Date Sampled : 04/18/00 15:15 **Order #:** 373328 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	88.6	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-11 TB-11 2.0'

Date Sampled : 04/18/00 15:15 **Order #:** 373328 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	1.13 U	MG/KG	05/09/00	1.0
BARIUM	6010B	2.00	43.0	MG/KG	05/09/00	1.0
CADMIUM	6010B	0.500	0.564 U	MG/KG	05/09/00	1.0
CHROMIUM	6010B	1.00	4.72	MG/KG	05/09/00	1.0
LEAD	6010B	5.00	69.3	MG/KG	05/09/00	1.0
MERCURY	7471A	0.0500	0.192	MG/KG	05/03/00	1.0
SELENIUM	6010B	0.500	1.07	MG/KG	05/09/00	1.0
SILVER	6010B	1.00	1.13 U	MG/KG	05/09/00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-14 TB-14 2.0'

Date Sampled : 04/18/00 16:10 **Order #:** 373329 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	87.6	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-14 TB-14 2.0'

Date Sampled : 04/18/00 16:10 **Order #:** 373329 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	4.12	MG/KG	05/09/00	1.0
BARIUM	6010B	2.00	78.5	MG/KG	05/09/00	1.0
CADMIUM	6010B	0.500	0.571 U	MG/KG	05/09/00	1.0
CHROMIUM	6010B	1.00	9.22	MG/KG	05/09/00	1.0
LEAD	6010B	5.00	223	MG/KG	05/09/00	1.0
MERCURY	7471A	0.0500	0.580	MG/KG	05/03/00	1.0
SELENIUM	6010B	0.500	0.571 U	MG/KG	05/09/00	1.0
SILVER	6010B	1.00	1.14 U	MG/KG	05/09/00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-14 TB-14 11.5'

Date Sampled : 04/18/00 16:30 **Order #:** 373330 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	82.9	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-14 TB-14 11.5'

Date Sampled : 04/18/00 16:30 **Order #:** 373330 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 82.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 125.00			Dry Weight
ACETONE	20	3000 U	UG/KG
BENZENE	5.0	750 U	UG/KG
BROMODICHLOROMETHANE	5.0	750 U	UG/KG
BROMOFORM	5.0	750 U	UG/KG
BROMOMETHANE	5.0	750 U	UG/KG
2-BUTANONE (MEK)	10	1500 U	UG/KG
SEC-BUTYLBENZENE	5.0	750 U	UG/KG
N-BUTYLBENZENE	5.0	750 U	UG/KG
TERT-BUTYLBENZENE	5.0	750 U	UG/KG
CARBON DISULFIDE	10	1500 U	UG/KG
CARBON TETRACHLORIDE	5.0	750 U	UG/KG
CHLOROBENZENE	5.0	750 U	UG/KG
CHLOROETHANE	5.0	750 U	UG/KG
CHLOROFORM	5.0	750 U	UG/KG
CHLOROMETHANE	5.0	750 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	750 U	UG/KG
1,1-DICHLOROETHANE	5.0	750 U	UG/KG
1,2-DICHLOROETHANE	5.0	750 U	UG/KG
1,1-DICHLOROETHENE	5.0	750 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	750 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	750 U	UG/KG
1,2-DICHLOROPROPANE	5.0	750 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	750 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	750 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	750 U	UG/KG
ETHYLBENZENE	5.0	750 U	UG/KG
2-HEXANONE	10	1500 U	UG/KG
ISOPROPYL BENZENE	5.0	750 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	750 U	UG/KG
METHYLENE CHLORIDE	5.0	750 U	UG/KG
NAPHTHALENE	5.0	750 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1500 U	UG/KG
N-PROPYLBENZENE	5.0	750 U	UG/KG
STYRENE	5.0	750 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	750 U	UG/KG
TETRACHLOROETHENE	5.0	750 U	UG/KG
TOLUENE	5.0	750 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	750 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	750 U	UG/KG
TRICHLOROETHENE	5.0	750 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	750 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	750 U	UG/KG
VINYL CHLORIDE	5.0	750 U	UG/KG
O-XYLENE	5.0	750 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-14 TB-14 11.5'

Date Sampled : 04/18/00 16:30 **Order #:** 373330 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 82.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 125.00			Dry Weight
M+P-XYLENE	5.0	750 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	121	%
TOLUENE-D8	(81 - 117 %)	106	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	97	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-21 TB-21 7.5'

Date Sampled : 04/19/00 10:45 **Order #:** 373331 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	90.1	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-21 TB-21 7.5'

Date Sampled : 04/19/00 10:45 **Order #:** 373331 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 90.1

DATE ANALYZED : 04/27/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
			Dry Weight
ACETONE	20	22 U	UG/KG
BENZENE	5.0	5.5 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.5 U	UG/KG
BROMOFORM	5.0	5.5 U	UG/KG
BROMOMETHANE	5.0	5.5 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
SEC-BUTYLBENZENE	5.0	5.5 U	UG/KG
N-BUTYLBENZENE	5.0	5.5 U	UG/KG
TERT-BUTYLBENZENE	5.0	5.5 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.5 U	UG/KG
CHLOROBENZENE	5.0	5.5 U	UG/KG
CHLOROETHANE	5.0	5.5 U	UG/KG
CHLOROFORM	5.0	5.5 U	UG/KG
CHLOROMETHANE	5.0	5.5 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.5 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.5 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.5 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.5 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.5 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.5 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.5 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.5 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.5 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	5.5 U	UG/KG
ETHYLBENZENE	5.0	5.5 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYL BENZENE	5.0	5.5 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	5.5 U	UG/KG
METHYLENE CHLORIDE	5.0	5.5 U	UG/KG
NAPHTHALENE	5.0	5.5 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
N-PROPYLBENZENE	5.0	5.5 U	UG/KG
STYRENE	5.0	5.5 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.5 U	UG/KG
TETRACHLOROETHENE	5.0	5.5 U	UG/KG
TOLUENE	5.0	5.5 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.5 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.5 U	UG/KG
TRICHLOROETHENE	5.0	5.5 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	5.5 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	5.5 U	UG/KG
VINYL CHLORIDE	5.0	5.5 U	UG/KG
O-XYLENE	5.0	5.5 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-21 TB-21 7.5'

Date Sampled : 04/19/00 10:45 **Order #:** 373331 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 90.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
M+P-XYLENE	5.0	5.5 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	99	%
TOLUENE-D8	(81 - 117 %)	101	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	91	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-24 TB-24 9.0'

Date Sampled : 04/19/00 11:40 **Order #:** 373332 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	84.9	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-24 TB-24 9.0'

Date Sampled : 04/19/00 11:40 **Order #:** 373332 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 84.9

DATE ANALYZED : 04/27/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
			Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	5.9 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.9 U	UG/KG
BROMOFORM	5.0	5.9 U	UG/KG
BROMOMETHANE	5.0	5.9 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
SEC-BUTYLBENZENE	5.0	5.9 U	UG/KG
N-BUTYLBENZENE	5.0	5.9 U	UG/KG
TERT-BUTYLBENZENE	5.0	5.9 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.9 U	UG/KG
CHLOROBENZENE	5.0	5.9 U	UG/KG
CHLOROETHANE	5.0	5.9 U	UG/KG
CHLOROFORM	5.0	5.9 U	UG/KG
CHLOROMETHANE	5.0	5.9 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.9 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.9 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	5.9 U	UG/KG
ETHYLBENZENE	5.0	5.9 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
ISOPROPYL BENZENE	5.0	5.9 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	5.9 U	UG/KG
METHYLENE CHLORIDE	5.0	5.9 U	UG/KG
NAPHTHALENE	5.0	5.9 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
N-PROPYLBENZENE	5.0	5.9 U	UG/KG
STYRENE	5.0	5.9 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.9 U	UG/KG
TETRACHLOROETHENE	5.0	5.9 U	UG/KG
TOLUENE	5.0	5.9 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.9 U	UG/KG
TRICHLOROETHENE	5.0	5.9 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	5.9 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	5.9 U	UG/KG
VINYL CHLORIDE	5.0	5.9 U	UG/KG
O-XYLENE	5.0	5.9 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-24 TB-24 9.0'

Date Sampled : 04/19/00 11:40 **Order #:** 373332 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 84.9

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED	: 04/27/00			
ANALYTICAL DILUTION:	1.00			Dry Weight
M+P-XYLENE		5.0	5.9 U	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
4-BROMOFLUOROBENZENE	(74 - 121 %)		101	%
TOLUENE-D8	(81 - 117 %)		101	%
DIBROMOFLUOROMETHANE	(80 - 120 %)		90	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-25 TB-25 3.0'

Date Sampled : 04/19/00 11:55 **Order #:** 373333 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	85.8	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-25 TB-25 3.0'

Date Sampled : 04/19/00 11:55 **Order #:** 373333 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	10.0	MG/KG	05/09/00	1.0
BARIUM	6010B	2.00	85.1	MG/KG	05/09/00	1.0
CADMIUM	6010B	0.500	0.583 U	MG/KG	05/09/00	1.0
CHROMIUM	6010B	1.00	23.2	MG/KG	05/09/00	1.0
LEAD	6010B	5.00	102	MG/KG	05/09/00	1.0
MERCURY	7471A	0.0500	0.104	MG/KG	05/03/00	1.0
SELENIUM	6010B	0.500	0.583 U	MG/KG	05/09/00	1.0
SILVER	6010B	1.00	1.17 U	MG/KG	05/09/00	1.0

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD NYSDOH 310-13
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-25 TB-25 3.0'

Date Sampled : 04/19/00 11:55 **Order #:** 373333 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 85.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/24/00			
DATE ANALYZED : 04/25/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
AS N-DODECANE	2000	2300 U	UG/KG
FUEL OIL #2/DIESEL FUEL	10000	12000 U	UG/KG
GASOLINE	10000	12000 U	UG/KG
KEROSENE	10000	12000 U	UG/KG
LUBE OIL	10000	12000 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-27 TB-27 8.5'

Date Sampled : 04/19/00 13:35 **Order #:** 373334 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	90.3	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-27 TB-27 8.5'

Date Sampled : 04/19/00 13:35 **Order #:** 373334 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 90.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	22 U	UG/KG
BENZENE	5.0	5.5 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.5 U	UG/KG
BROMOFORM	5.0	5.5 U	UG/KG
BROMOMETHANE	5.0	5.5 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
SEC-BUTYLBENZENE	5.0	5.5 U	UG/KG
N-BUTYLBENZENE	5.0	5.5 U	UG/KG
TERT-BUTYLBENZENE	5.0	5.5 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.5 U	UG/KG
CHLOROBENZENE	5.0	5.5 U	UG/KG
CHLOROETHANE	5.0	5.5 U	UG/KG
CHLOROFORM	5.0	5.5 U	UG/KG
CHLOROMETHANE	5.0	5.5 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.5 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.5 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.5 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.5 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.5 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.5 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.5 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.5 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.5 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	5.5 U	UG/KG
ETHYLBENZENE	5.0	5.5 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYL BENZENE	5.0	5.5 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	5.5 U	UG/KG
METHYLENE CHLORIDE	5.0	5.5 U	UG/KG
NAPHTHALENE	5.0	5.5 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
N-PROPYLBENZENE	5.0	5.5 U	UG/KG
STYRENE	5.0	5.5 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.5 U	UG/KG
TETRACHLOROETHENE	5.0	5.5 U	UG/KG
TOLUENE	5.0	5.5 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.5 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.5 U	UG/KG
TRICHLOROETHENE	5.0	5.5 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	5.5 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	5.5 U	UG/KG
VINYL CHLORIDE	5.0	5.5 U	UG/KG
O-XYLENE	5.0	5.5 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-27 TB-27 8.5'

Date Sampled : 04/19/00 13:35 **Order #:** 373334 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 90.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
M+P-XYLENE	5.0	5.5 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	101	%
TOLUENE-D8	(81 - 117 %)	100	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	93	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-29 TB-29 8.5'

Date Sampled : 04/19/00 13:55 **Order #:** 373335 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	89.5	%	04/28/00	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-29 TB-29 8.5'

Date Sampled : 04/19/00 13:55 **Order #:** 373335 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 89.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 2.00			Dry Weight
ACETONE	20	45 U	UG/KG
BENZENE	5.0	11 U	UG/KG
BROMODICHLOROMETHANE	5.0	11 U	UG/KG
BROMOFORM	5.0	11 U	UG/KG
BROMOMETHANE	5.0	11 U	UG/KG
2-BUTANONE (MEK)	10	22 U	UG/KG
SEC-BUTYLBENZENE	5.0	11 U	UG/KG
N-BUTYLBENZENE	5.0	65	UG/KG
TERT-BUTYLBENZENE	5.0	11 U	UG/KG
CARBON DISULFIDE	10	22 U	UG/KG
CARBON TETRACHLORIDE	5.0	11 U	UG/KG
CHLOROBENZENE	5.0	11 U	UG/KG
CHLOROETHANE	5.0	11 U	UG/KG
CHLOROFORM	5.0	11 U	UG/KG
CHLOROMETHANE	5.0	11 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	11 U	UG/KG
1,1-DICHLOROETHANE	5.0	11 U	UG/KG
1,2-DICHLOROETHANE	5.0	11 U	UG/KG
1,1-DICHLOROETHENE	5.0	11 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	11 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	11 U	UG/KG
1,2-DICHLOROPROPANE	5.0	11 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	11 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	11 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	11 U	UG/KG
ETHYLBENZENE	5.0	120	UG/KG
2-HEXANONE	10	22 U	UG/KG
ISOPROPYL BENZENE	5.0	18	UG/KG
P-ISOPROPYLTOLUENE	5.0	11 U	UG/KG
METHYLENE CHLORIDE	5.0	11 U	UG/KG
NAPHTHALENE	5.0	130	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	22 U	UG/KG
N-PROPYLBENZENE	5.0	78	UG/KG
STYRENE	5.0	11 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	11 U	UG/KG
TETRACHLOROETHENE	5.0	11 U	UG/KG
TOLUENE	5.0	11 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	11 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	11 U	UG/KG
TRICHLOROETHENE	5.0	11 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	150	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	450	UG/KG
VINYL CHLORIDE	5.0	11 U	UG/KG
O-XYLENE	5.0	22	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-29 TB-29 8.5'

Date Sampled : 04/19/00 13:55 **Order #:** 373335 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/20/00 **Submission #:** R2001762 **Percent Solid:** 89.5

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00				
ANALYTICAL DILUTION: 2.00				Dry Weight
M+P-XYLENE		5.0	500	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
4-BROMOFLUOROBENZENE	(74 - 121 %)		110	%
TOLUENE-D8	(81 - 117 %)		105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)		93	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-FB

Date Sampled : 04/19/00 09:15 **Order #:** 373336 **Sample Matrix:** WATER
Date Received: 04/20/00 **Submission #:** R2001762

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	04/26/00	1.0
BARIUM	6010B	0.0200	0.0200 U	MG/L	04/26/00	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	04/26/00	1.0
CHROMIUM	6010B	0.0100	0.0100 U	MG/L	04/26/00	1.0
LEAD	6010B	0.0500	0.0500 U	MG/L	04/26/00	1.0
MERCURY	7471A	0.000300	0.000300 U	MG/L	04/28/00	1.0
SELENIUM	6010B	0.00500	0.00500 U	MG/L	04/26/00	1.0
SILVER	6010B	0.0100	0.0100 U	MG/L	04/26/00	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-FB

Date Sampled : 04/19/00 09:15 **Order #:** 373336 **Sample Matrix:** WATER
Date Received: 04/20/00 **Submission #:** R2001762 **Analytical Run** 50126

DATE ANALYZED : 04/28/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-FB

Date Sampled : 04/19/00 09:15 **Order #:** 373336 **Sample Matrix:** WATER
Date Received: 04/20/00 **Submission #:** R2001762 **Analytical Run** 50126

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	107	%
TOLUENE-D8	(88 - 110 %)	100	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCB'S
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-FB

Date Sampled : 04/19/00 09:15 **Order #:** 373336 **Sample Matrix:** WATER
Date Received: 04/20/00 **Submission #:** R2001762 **Analytical Run** 49843

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/24/00			
DATE ANALYZED : 04/26/00			
ANALYTICAL DILUTION: 1.00			
PCB 1016	1.0	1.0 U	UG/L
PCB 1221	1.0	1.0 U	UG/L
PCB 1232	1.0	1.0 U	UG/L
PCB 1242	1.0	1.0 U	UG/L
PCB 1248	1.0	1.0 U	UG/L
PCB 1254	1.0	1.0 U	UG/L
PCB 1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(30 - 150 %)	79	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	91	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-TB

Date Sampled : 04/19/00 **Order #:** 373337 **Sample Matrix:** WATER
Date Received: 04/20/00 **Submission #:** R2001762 **Analytical Run** 50126

DATE ANALYZED : 04/28/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/10/00

Day Environmental
Project Reference: CHARLOTTE STREET
Client Sample ID : 2089-TB

Date Sampled : 04/19/00 **Order #:** 373337 **Sample Matrix:** WATER
Date Received: 04/20/00 **Submission #:** R2001762 **Analytical Run** 50126

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	109	%
TOLUENE-D8	(88 - 110 %)	102	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	99	%

COLUMBIA ANALYTICAL SERVICES

INORGANIC QUALITY CONTROL SUMMARY

Report Date : 05/17/00
CAS Order # : 373329 - 2089-14 TB-14 2.0'
Client : Day Environmental
CHARLOTTE STREET
Reported Units: MG/KG
Run # : 50118
Percent Solid : 87.6

	PRECISION			ACCURACY			
	ORIGINAL	DUPLICATE	RPD	FOUND	ADDED	% REC.	LIMITS
MERCURY	0.580	0.592	2	0.769	0.184	103	75 - 125

0054

COLUMBIA ANALYTICAL SERVICES

INORGANIC QUALITY CONTROL SUMMARY

Report Date : 05/17/00
CAS Order # : 373329 - 2089-14 TB-14 2.0'
Client : Day Environmental
CHARLOTTE STREET
Reported Units: MG/KG
Run # : 50387
Percent Solid : 87.6

	PRECISION			ACCURACY			
	ORIGINAL	DUPLICATE	RPD	FOUND	ADDED	% REC.	LIMITS
ARSENIC	4.12	4.13	0	8.63	4.47	101	75 - 125
BARIUM	78.5	78.3	0	280	447	45	75 - 125
CADMIUM	0.571 U	0.571 U	NC	4.95	5.59	89	75 - 125
CHROMIUM	9.22	8.80	5	29.6	22.4	91	75 - 125
LEAD	223	221	1	291	55.9	123	75 - 125
SELENIUM	0.571 U	0.571 U	NC	92.7	113	82	75 - 125
SILVER	1.14 U	1.14 U	NC	4.32	5.59	77	75 - 125

0055

COLUMBIA ANALYTICAL SERVICES

INORGANIC QUALITY CONTROL SUMMARY

Report Date : 05/17/00
CAS Order # : 373329 - 2089-14 TB-14 2.0'
Client : Day Environmental
CHARLOTTE STREET
Reported Units: %
Run # : 49936

	PRECISION		
	ORIGINAL	DUPLICATE	RPD
PERCENT SOLIDS	87.6	88.5	1

0056

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2001762
Client: Day Environmental
CHARLOTTE STREET

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
MERCURY	0.0500 U	0.665	0.711	94	68 - 132	50118	MG/KG
ARSENIC	1.00 U	74.0	75.2	98	74 - 126	50387	MG/KG
BARIUM	2.00 U	137	146	94	77 - 123	50387	MG/KG
CADMIUM	0.500 U	181	181	100	77 - 123	50387	MG/KG
CHROMIUM	1.00 U	61.0	66.1	92	70 - 130	50387	MG/KG
LEAD	5.00 U	55.6	56.8	98	76 - 124	50387	MG/KG
SELENIUM	0.500 U	59.7	62.5	96	74 - 126	50387	MG/KG
SILVER	1.00 U	68.5	71.7	95	74 - 126	50387	MG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/15/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 376481 **Sample Matrix:** SOIL/SEDIMENT
Date Received: **Submission #:** **Percent Solid:** 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
SEC-BUTYLBENZENE	5.0	5.0 U	UG/KG
N-BUTYLBENZENE	5.0	5.0 U	UG/KG
TERT-BUTYLBENZENE	5.0	5.0 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
ISOPROPYL BENZENE	5.0	5.0 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
NAPHTHALENE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
N-PROPYLBENZENE	5.0	5.0 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/15/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 376481 **Sample Matrix:** SOIL/SEDIMENT
Date Received: **Submission #:** **Percent Solid:** 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/00			
ANALYTICAL DILUTION: 1.00			Dry Weight

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	107	%
TOLUENE-D8	(81 - 117 %)	106	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/15/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 376485 **Sample Matrix:** SOIL/SEDIMENT
Date Received: **Submission #:** **Percent Solid:** 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
SEC-BUTYLBENZENE	5.0	5.0 U	UG/KG
N-BUTYLBENZENE	5.0	5.0 U	UG/KG
TERT-BUTYLBENZENE	5.0	5.0 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
ISOPROPYL BENZENE	5.0	5.0 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
NAPHTHALENE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
N-PROPYLBENZENE	5.0	5.0 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/15/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 376485 **Sample Matrix:** SOIL/SEDIMENT
Date Received: **Submission #:** **Percent Solid:** 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 1.00			Dry Weight

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	92	%
TOLUENE-D8	(81 - 117 %)	96	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/15/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 376486 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 50126

DATE ANALYZED : 04/28/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/15/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 376486 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 50126

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 1.00			
SURROGATE RECOVERIES	**QC LIMITS**		
4-BROMOFLUOROBENZENE	(86 - 115 %)	107	%
TOLUENE-D8	(88 - 110 %)	103	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	95	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/15/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 376488 **Sample Matrix:** SOIL/SEDIMENT
Date Received: **Submission #:** **Percent Solid:** 100

DATE ANALYZED : 04/28/00
ANALYTICAL DILUTION: 125.00

ANALYTE	PQL	RESULT	UNITS
			Dry Weight
ACETONE	20	2500 U	UG/KG
BENZENE	5.0	630 U	UG/KG
BROMODICHLOROMETHANE	5.0	630 U	UG/KG
BROMOFORM	5.0	630 U	UG/KG
BROMOMETHANE	5.0	630 U	UG/KG
2-BUTANONE (MEK)	10	1300 U	UG/KG
SEC-BUTYLBENZENE	5.0	630 U	UG/KG
N-BUTYLBENZENE	5.0	630 U	UG/KG
TERT-BUTYLBENZENE	5.0	630 U	UG/KG
CARBON DISULFIDE	10	1300 U	UG/KG
CARBON TETRACHLORIDE	5.0	630 U	UG/KG
CHLOROBENZENE	5.0	630 U	UG/KG
CHLOROETHANE	5.0	630 U	UG/KG
CHLOROFORM	5.0	630 U	UG/KG
CHLOROMETHANE	5.0	630 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHANE	5.0	630 U	UG/KG
1,2-DICHLOROETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHENE	5.0	630 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
1,2-DICHLOROPROPANE	5.0	630 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
METHYL-TERT-BUTYL-ETHER	5.0	630 U	UG/KG
ETHYLBENZENE	5.0	630 U	UG/KG
2-HEXANONE	10	1300 U	UG/KG
ISOPROPYL BENZENE	5.0	630 U	UG/KG
P-ISOPROPYLTOLUENE	5.0	630 U	UG/KG
METHYLENE CHLORIDE	5.0	630 U	UG/KG
NAPHTHALENE	5.0	630 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1300 U	UG/KG
N-PROPYLBENZENE	5.0	630 U	UG/KG
STYRENE	5.0	630 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	630 U	UG/KG
TETRACHLOROETHENE	5.0	630 U	UG/KG
TOLUENE	5.0	630 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	630 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	630 U	UG/KG
TRICHLOROETHENE	5.0	630 U	UG/KG
1,3,5-TRIMETHYLBENZENE	5.0	630 U	UG/KG
1,2,4-TRIMETHYLBENZENE	5.0	630 U	UG/KG
VINYL CHLORIDE	5.0	630 U	UG/KG
O-XYLENE	5.0	630 U	UG/KG
M+P-XYLENE	5.0	630 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 05/15/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 376488 **Sample Matrix:** SOIL/SEDIMENT
Date Received: **Submission #:** **Percent Solid:** 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 125.00			Dry Weight

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	108	%
TOLUENE-D8	(81 - 117 %)	102	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 05/10/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 375487 **Sample Matrix:** SOIL/SEDIMENT
Date Received: **Submission #:** **Percent Solid:** 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/28/00			
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	330 U	UG/KG
ANTHRACENE	330	330 U	UG/KG
BENZO(A)ANTHRACENE	330	330 U	UG/KG
BENZO(A)PYRENE	330	330 U	UG/KG
BENZO(B)FLUORANTHENE	330	330 U	UG/KG
BENZO(G,H,I)PERYLENE	330	330 U	UG/KG
BENZO(K)FLUORANTHENE	330	330 U	UG/KG
INDENO(1,2,3-CD)PYRENE	330	330 U	UG/KG
CHRYSENE	330	330 U	UG/KG
DIBENZO(A,H)ANTHRACENE	330	330 U	UG/KG
FLUORANTHENE	330	330 U	UG/KG
FLUORENE	330	330 U	UG/KG
NAPHTHALENE	200	200 U	UG/KG
PHENANTHRENE	330	330 U	UG/KG
PYRENE	330	330 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(18 - 137 %)	86	%
NITROBENZENE-d5	(23 - 120 %)	73	%
2-FLUOROBIPHENYL	(30 - 115 %)	81	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCB'S
Reported: 05/10/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 374716 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 49843

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/24/00			
DATE ANALYZED : 04/26/00			
ANALYTICAL DILUTION: 1.00			
PCB 1016	1.0	1.0 U	UG/L
PCB 1221	1.0	1.0 U	UG/L
PCB 1232	1.0	1.0 U	UG/L
PCB 1242	1.0	1.0 U	UG/L
PCB 1248	1.0	1.0 U	UG/L
PCB 1254	1.0	1.0 U	UG/L
PCB 1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(30 - 150 %)	84	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	73	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCBS
Reported: 05/10/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 375322 **Sample Matrix:** SOIL/SEDIMENT
Date Received: **Submission #:** **Percent Solid:** 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/28/00			
DATE ANALYZED : 04/28/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	400	400 U	UG/KG
PCB 1221	400	400 U	UG/KG
PCB 1232	400	400 U	UG/KG
PCB 1242	400	400 U	UG/KG
PCB 1248	400	400 U	UG/KG
PCB 1254	400	400 U	UG/KG
PCB 1260	400	400 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(30 - 150 %)	96	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	92	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD NYSDOH 310-13
Reported: 05/17/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 373906 **Sample Matrix:** SOIL/SEDIMENT
Date Received: **Submission #:** **Percent Solid:** 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/24/00			
DATE ANALYZED : 04/25/00			
ANALYTICAL DILUTION: 1.00			Dry Weight
AS N-DODECANE	2000	2000 U	UG/KG
FUEL OIL #2/DIESEL FUEL	10000	10000 U	UG/KG
GASOLINE	10000	10000 U	UG/KG
KEROSENE	10000	10000 U	UG/KG
LUBE OIL	10000	10000 U	UG/KG

Columbia Analytical Services INC.
An Employee-Owned Company

Mustard St., Suite 250, Rochester, NY 14609-69245
(716) 288-5380 • FAX (716) 288-8475

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

DATE 4/20/00 PAGE 1 OF 2

PROJECT NAME Charlotte Street
PROJECT MANAGER/CONTACT Jeff Danzinger x108
COMPANY/ADDRESS Day Environmental, Inc.
2144 BHTL Rd., Rochester, NY
TEL (716) 292-1090 FAX (716) 292-0425
SAMPLER'S SIGNATURE J. Joseph Dorety

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	FOR OFFICE USE ONLY LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS VOA's TCL + Tank ☒ 8260 ☐ 624 ☐ 95-1	GC/MS SVOA's ~~8270~~ ☒ 8270 ☐ 625 ☐ 95-2	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES/PCB's ☐ 8081 ☐ 608 ☐ 95-3	STAR'S LIST 8021 VOA's ☐ TOTAL ☐ TCLP	STAR'S LIST 8270 SVOA's ☒ TOTAL ☐ TCLP	TCLP ☐ METALS ☐ VOA's ☐ SVOA's ☐ H/P	WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit.	METALS, TOTAL (LIST BELOW) * RCRA	METALS, DISSOLVED (LIST BELOW)	PCB's 8080	PRESERVATION pH < 2.0	PRESERVATION pH > 12	PRESERVATION Other Ice
2089-03 TB-3 @ 9.0'	4/18/00	1050	37332	Soil	1	X													X
2089-05 TB-5 @ 3.0'	4/18/00	1137	23		1									X					X
2089-06 TB-6 @ 11.0'	4/18/00	1205	24		1	X	■				X					X			X
2089-07 TB-7 @ 10.0'	4/18/00	1230	25		1	X													X
2089-08 TB-8 @ 6.0'	4/18/00	1350	26		1	X													X
2089-09 TB-9 @ 11.5'	4/18/00	1410	27		1	X													X
2089-11 TB-11 @ 2.0'	4/18/00	1515	28		1									X					X
2089-14 + MS/MSD TB-14 @ 2.0'	4/18/00	1610	29		2									X	→	QA/QC			X
2089-14 TB-14 @ 11.5'	4/18/00	1630	30		1	X													X
2089-21 TB-21 @ 7.5'	4/19/00	1045	31		1	X													X

RELINQUISHED BY:
Signature J. Joseph Dorety
Printed Name J. Joseph Dorety
Firm Day Environmental
Date/Time 4/20/00 10:10

RECEIVED BY:
Signature Vgardner
Printed Name CAS
Firm 4/20/00 @ 1010
Date/Time

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS
__ 24 hr. __ 48 hr. __ 5 day
X Standard (10) 15 working days)
__ Provide Verbal Preliminary Results
__ Provide FAX Preliminary Results
Requested Report Date _____

REPORT REQUIREMENTS
X 1. Routine Report
__ 2. Routine Rep. w/CASE Narrative
__ 3. EPA Level III Validatable Package
__ 4. N.J. Reduced Deliverables Level IV
__ 5. NY ASP/CLP Deliverables
__ 6. Site specific QC.

INVOICE INFORMATION:
P.O. #: 2089S-99
Bill To: Day Environmental

SAMPLE RECEIPT:
Shipping Via: Client
Shipping #:
Temperature: 4°C
Submission No: RZ-1762

SPECIAL INSTRUCTIONS/COMMENTS:
METALS * Hold remainder of sample for possible TCLP analysis
ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List
Composite 2 jars together for 2089-14-TB-14 @ 2.0' as per Joe Dorety prior to analysis
JMS 4/20/00

Columbia Analytical Services INC.
An Employee-Owned Company

Mustard St., Suite 250, Rochester, NY 14609-69245
(716) 288-5380 • FAX (716) 288-8475

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

DATE 4/20/00 PAGE 2 OF 2

PROJECT NAME Charlotte Street, Rochester, NY
PROJECT MANAGER/CONTACT Jeff Danzinger x108
COMPANY/ADDRESS Day Environmental, Inc.
2144 Blvd Rd., Rochester, NY
TEL (716) 292-1090 FAX (~~292~~) 292-0425
SAMPLER'S SIGNATURE J. Joseph Dorety

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	FOR OFFICE USE ONLY LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS VOA's TCL+Tank ☒ 8260 ☐ 624 ☐ 95-1	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ 95-2	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES/PCB's ☐ 8081 ☐ 608 ☐ 95-3	STAR'S LIST 8021 VOA's ☐ TOTAL ☐ TCLP	STAR'S LIST 8270 SVOA's ☒ TOTAL ☐ TCLP	TCLP ☐ METALS ☐ VOA's ☐ SVOA's ☐ H/P	WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit.	METALS, TOTAL (LIST BELOW) ⊛ RCRA	METALS, DISSOLVED (LIST BELOW)	TPH 310.13	PCB's 8080	PRESERVATION pH < 2.0	pH > 12	Other Ice
2089-24 TB-24 @ 9.0'	4/19/00	1140	373332	Soil	1	X														X
2089-25 TB-25 @ 3.0'	4/19/00	1155	33	Soil	1									X		X				X
~~2089-26 TB-26 @ 12.0'~~	~~4/19/00~~	~~1315~~		~~Soil~~																
2089-27 TB-27 @ 8.5'	4/19/00	1335	34	Soil	1	X														X
2089-29 TB-29 @ 8.5'	4/19/00	1355	35	Soil	1	X														X
2089-FB Field Blank	4/19/00	0915	36	Water		X								X			X		X	X
2089-TB Trip Blank				Water	3	X													X	X

RELINQUISHED BY:
Signature J. Joseph Dorety
Printed Name J. Joseph Dorety
Firm Day Environmental
Date/Time 4/20/00 1010

RECEIVED BY:
Signature VGardner
Printed Name CAS
Firm 4/20/00 @ 1010
Date/Time

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS
__ 24 hr. __ 48 hr. __ 5 day
X Standard (10) 15 working days)
__ Provide Verbal Preliminary Results
__ Provide FAX Preliminary Results
Requested Report Date _____

REPORT REQUIREMENTS
X 1. Routine Report
__ 2. Routine Rep. w/CASE Narrative
__ 3. EPA Level III Validatable Package
__ 4. N.J. Reduced Deliverables Level IV
__ 5. NY ASP/CLP Deliverables
__ 6. Site specific QC.

INVOICE INFORMATION:
P.O. #: 20895-99
Bill To: _____

SAMPLE RECEIPT:
Shipping Via: Client
Shipping #: _____
Temperature: _____
Submission No: _____

SPECIAL INSTRUCTIONS/COMMENTS:
METALS ⊛ Hold remainder of sample for possible TCLP analysis
ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Check Form

Project/Client Day Submission Number HR2-1762

Cooler received on 4/20/00 by: CG COURIER: CAS UPS FEDEX CD&L (CLIENT)

1. Were custody seals on outside of cooler? YES / NO : Date___ : Signature
2. Were custody papers properly filled out (ink, signed, etc.)? (YES) NO
3. Did all bottles arrive in good condition (unbroken)? (YES) NO
4. Were VOA vials checked for absence of air bubbles, and noted if so? (YES) NO
5. Were (Ice) or **Ice packs** present? (YES) NO &
6. Where did the bottles originate? (CAS/ROC) (CLIENT)
7. Temperature of cooler(s) upon receipt: 4°C on ice

Is the temperature within 0° - 6° C?:	Yes ☒	Yes ☐	Yes ☐	Yes ☐	Yes ☐
If No, Explain Below	No ☐	No ☐	No ☐	No ☐	No ☐

Date/Time Temperatures Taken: 4/20/00 @ 1015

Thermometer ID: 161 (Temp Blank) Sample Bottle Cooler Temp. IR Gun

If out of Temperature, Client Approval to Run Samples

Cooler Breakdown: Date : 4/21/00 by:

1. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
2. Did all bottle labels and tags agree with custody papers? (YES) NO
3. Were correct bottles used for the tests indicated? (YES) NO

Explain any discrepancies:

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
5-9*	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH

*If pH adjustment is required, use NaOH and/or H_2SO_4

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				

Other Comments:

0072

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1011
		Lab Sample No.:	3834
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99	**Date Sampled:**	04/18/00
Field Location:	TB-8 @ 6.0'	**Date Received:**	05/17/00
Field ID No:	2089-08R	**Date Analyzed:**	05/23/00

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Medium Weight PHC as Diesel Fuel	4,660,000	8,470

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 01011P1.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1011
		Lab Sample No.:	3835
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99	**Date Sampled:**	04/18/2000
Field Location:	TB-9 @ 11.5'	**Date Received:**	05/17/2000
Field ID No:	2089-09R	**Date Analyzed:**	05/23/2000

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Light PHC as Mineral Spirits	372,000	8,620
Heavy Weight PHC as Lube Oil	13,900	8,620

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 001011P3.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1011
		Lab Sample No.:	3837
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99	**Date Sampled:**	04/18/00
Field Location:	TB-6 @ 11.0'	**Date Received:**	05/17/00
Field ID No:	2089-06R	**Date Analyzed:**	05/23/00

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Heavy Weight PHC as Lube Oil	3,670,000	7,740

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 01011P2.XLS

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

Client:	Day Environmental, Inc.	**Lab Project No:**	00-1011
		Lab Sample No:	3834
Client Job Site:	Charlotte St. Rochester, NY	**Sample Type:**	Soil
Client Job No:	2089S-99		
		Date Sampled:	04/18/2000
Field Location:	TB-8 @ 6.0'	**Date Received:**	05/17/2000
Field ID No:	2089-08R	**Date Analyzed:**	05/19/2000

VOLATILE HALOCARBONS	RESULTS (ug/Kg)
Bromodichloromethane	ND< 10.7
Bromomethane	ND< 10.7
Bromoform	ND< 10.7
Carbon tetrachloride	ND< 10.7
Chloroethane	ND< 10.7
Chloromethane	ND< 10.7
2-Chloroethyl vinyl ether	ND< 10.7
Chloroform	ND< 10.7
Dibromochloromethane	ND< 10.7
1,1-Dichloroethane	ND< 10.7
1,2-Dichloroethane	ND< 10.7
1,1-Dichloroethene	ND< 10.7
trans-1,2-Dichloroethene	ND< 10.7
1,2-Dichloropropane	ND< 10.7
cis-1,3-Dichloropropene	ND< 10.7
trans-1,3-Dichloropropene	ND< 10.7
Methylene chloride	ND< 26.8
1,1,2,2-Tetrachloroethane	ND< 10.7
Tetrachloroethene	ND< 10.7
1,1,1-Trichloroethane	ND< 10.7
1,1,2-Trichloroethane	ND< 10.7
Trichloroethene	ND< 10.7
Vinyl Chloride	ND< 10.7

VOLATILE AROMATICS	RESULTS (ug/Kg)
Benzene	ND< 10.7
Chlorobenzene	ND< 10.7
Ethylbenzene	ND< 10.7
Toluene	ND< 10.7
m,p - Xylene	ND< 10.7
o - Xylene	ND< 10.7
Styrene	ND< 10.7
Ketones & Misc.	
Acetone	ND< 53.5
Vinyl acetate	ND< 26.8
2-Butanone	ND< 26.8
4-Methyl-2-pentanone	ND< 26.8
2-Hexanone	ND< 26.8
Carbon disulfide	ND< 26.8

Analytical Method: EPA 8260

ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Aromatic Analysis Report For Soil/Sludge

(Additional 8260 Compounds)

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1011
		Lab Sample No.:	3834
Client Job Site:	Charlotte Street		
	Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99		
		Date Sampled:	04/18/00
Field Location:	TB-8 @ 6.0'	**Date Received:**	05/17/00
Field ID No.:	2089-08R	**Date Analyzed:**	05/19/00

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 10.7
Isopropylbenzene	ND< 10.7
n-Propylbenzene	ND< 10.7
1,3,5-Trimethylbenzene	ND< 10.7
tert-Butylbenzene	ND< 10.7
1,2,4-Trimethylbenzene	ND< 10.7
sec-Butylbenzene	ND< 10.7
p-Isopropyltoluene	ND< 10.7
n-Butylbenzene	ND< 10.7
Naphthalene	ND< 26.8

Analytical Method: EPA 8260 NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

Client:	Day Environmental, Inc.	**Lab Project No:**	00-1011
		Lab Sample No:	3835
Client Job Site:	Charlotte St. Rochester, NY	**Sample Type:**	Soil
Client Job No:	2089S-99		
		Date Sampled:	04/18/2000
Field Location:	TB-9 @ 11.5'	**Date Received:**	05/17/2000
Field ID No:	2089-09R	**Date Analyzed:**	05/20/2000

VOLATILE HALOCARBONS	RESULTS (ug/Kg)
Bromodichloromethane	ND< 7.67
Bromomethane	ND< 7.67
Bromoform	ND< 7.67
Carbon tetrachloride	ND< 7.67
Chloroethane	ND< 7.67
Chloromethane	ND< 7.67
2-Chloroethyl vinyl ether	ND< 7.67
Chloroform	ND< 7.67
Dibromochloromethane	ND< 7.67
1,1-Dichloroethane	ND< 7.67
1,2-Dichloroethane	ND< 7.67
1,1-Dichloroethene	ND< 7.67
trans-1,2-Dichloroethene	ND< 7.67
1,2-Dichloropropane	ND< 7.67
cis-1,3-Dichloropropene	ND< 7.67
trans-1,3-Dichloropropene	ND< 7.67
Methylene chloride	ND< 19.2
1,1,2,2-Tetrachloroethane	ND< 7.67
Tetrachloroethene	ND< 7.67
1,1,1-Trichloroethane	ND< 7.67
1,1,2-Trichloroethane	ND< 7.67
Trichloroethene	ND< 7.67
Vinyl Chloride	ND< 7.67

VOLATILE AROMATICS	RESULTS (ug/Kg)
Benzene	ND< 7.67
Chlorobenzene	ND< 7.67
Ethylbenzene	ND< 7.67
Toluene	ND< 7.67
m,p - Xylene	ND< 7.67
o - Xylene	ND< 7.67
Styrene	ND< 7.67
Ketones & Misc.	
Acetone	ND< 38.4
Vinyl acetate	ND< 19.2
2-Butanone	ND< 19.2
4-Methyl-2-pentanone	ND< 19.2
2-Hexanone	ND< 19.2
Carbon disulfide	ND< 19.2

Analytical Method: EPA 8260

ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Aromatic Analysis Report For Soil/Sludge

(Additional 8260 Compounds)

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1011
		Lab Sample No.:	3835
Client Job Site:	Charlotte Street Rochester, NY	**Sample Type:**	Soil
Client Job No.:	2089S-99		
		Date Sampled:	04/18/00
Field Location:	TB-9 @ 11.5'	**Date Received:**	05/17/00
Field ID No.:	2089-09R	**Date Analyzed:**	05/20/00

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 7.67
Isopropylbenzene	ND< 7.67
n-Propylbenzene	ND< 7.67
1,3,5-Trimethylbenzene	ND< 7.67
tert-Butylbenzene	ND< 7.67
1,2,4-Trimethylbenzene	ND< 7.67
sec-Butylbenzene	50.9
p-Isopropyltoluene	ND< 7.67
n-Butylbenzene	ND< 7.67
Naphthalene	ND< 19.2

Analytical Method: EPA 8260 NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

Client:	Day Environmental, Inc.	**Lab Project No:**	00-1011
		Lab Sample No:	3836
Client Job Site:	Charlotte St. Rochester, NY	**Sample Type:**	Soil
Client Job No:	2089S-99		
		Date Sampled:	04/18/2000
Field Location:	TB-14 @ 11.5'	**Date Received:**	05/17/2000
Field ID No:	2089-14R	**Date Analyzed:**	05/19/2000

VOLATILE HALOCARBONS	RESULTS (ug/Kg)	VOLATILE AROMATICS	RESULTS (ug/Kg)
Bromodichloromethane	ND< 10.0	Benzene	ND< 10.0
Bromomethane	ND< 10.0	Chlorobenzene	ND< 10.0
Bromoform	ND< 10.0	Ethylbenzene	ND< 10.0
Carbon tetrachloride	ND< 10.0	Toluene	ND< 10.0
Chloroethane	ND< 10.0	m,p - Xylene	ND< 10.0
Chloromethane	ND< 10.0	o - Xylene	ND< 10.0
2-Chloroethyl vinyl ether	ND< 10.0	Styrene	ND< 10.0
Chloroform	ND< 10.0		
Dibromochloromethane	ND< 10.0		
1,1-Dichloroethane	ND< 10.0		
1,2-Dichloroethane	ND< 10.0		
1,1-Dichloroethene	ND< 10.0		
trans-1,2-Dichloroethene	ND< 10.0	Ketones & Misc.	
1,2-Dichloropropane	ND< 10.0	Acetone	ND< 50.1
cis-1,3-Dichloropropene	ND< 10.0	Vinyl acetate	ND< 25.1
trans-1,3-Dichloropropene	ND< 10.0	2-Butanone	ND< 25.1
Methylene chloride	ND< 25.1	4-Methyl-2-pentanone	ND< 25.1
1,1,2,2-Tetrachloroethane	ND< 10.0	2-Hexanone	ND< 25.1
Tetrachloroethene	ND< 10.0	Carbon disulfide	ND< 25.1
1,1,1-Trichloroethane	ND< 10.0		
1,1,2-Trichloroethane	ND< 10.0		
Trichloroethene	ND< 10.0		
Vinyl Chloride	ND< 10.0		

Analytical Method: EPA 8260

ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Aromatic Analysis Report For Soil/Sludge

(Additional 8260 Compounds)

Client:	Day Environmental, Inc	Lab Project No.:	00-1011
		Lab Sample No.:	3836
Client Job Site:	Charlotte Street Rochester, NY	Sample Type:	Soil
Client Job No.:	2089S-99	Date Sampled:	04/18/00
Field Location:	TB-14 @ 11.5'	Date Received:	05/17/00
Field ID No.:	2089-14R	Date Analyzed:	05/19/00

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 10.0
Isopropylbenzene	ND< 10.0
n-Propylbenzene	ND< 10.0
1,3,5-Trimethylbenzene	ND< 10.0
tert-Butylbenzene	ND< 10.0
1,2,4-Trimethylbenzene	ND< 10.0
sec-Butylbenzene	ND< 10.0
p-Isopropyltoluene	ND< 10.0
n-Butylbenzene	ND< 10.0
Naphthalene	ND< 25.1

Analytical Method: EPA 8260 NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: _____
Laboratory Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental, Inc.
Client Job Site: Charlotte Street, Rochester, NY
Client Job No.: 2089S-99
Field Location: TB-6 @ 11.0'
Field ID No.: 2089-06R

Lab Project No. 00-1011
Lab Sample No. 3837
Sample Type: Soil
Date Sampled: 04/18/00
Date Received: 05/17/00
Date Analyzed: 05/22/00

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 299
Acenaphthene	ND< 299
Fluorene	ND< 299
Fluoranthene	ND< 299
Anthracene	ND< 299
Phenanthrene	665
Benzo (a) anthracene	ND< 299
Chrysene	ND< 299
Pyrene	313
Benzo (b) fluoranthene	ND< 299
Benzo (k) fluoranthene	ND< 299
Benzo (g,h,i) perylene	ND< 299
Benzo (a) pyrene	ND< 299
Dibenz (a,h) anthracene	ND< 299
Indeno (1,2,3-cd) pyrene	ND< 299

Analytical Method: EPA 8270
NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 • (800) 724-1997
FAX (716) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	LAB PROJECT #
COMPANY	COMPANY	
ADDRESS	ADDRESS	
CITY STATE ZIP	CITY STATE ZIP	P.O. #
ATT. PHONE#	ATT. PHONE#	
PROJECT NAME/SITE NAME: FAX#	FAX#	☐ ADDENDUM
COMMENTS:		
PROJECT #:	TURN AROUND TIME (WORKING DAYS) ☐ ONE ☐ THREE ☐ FIVE(STD) ☐ OTHER	
	REPRESENTATIVE:	

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	REQUESTED ANALYSIS	REMARKS	PARADIGM LAB SAMPLE NUMBER	ANALYTICAL COSTS
1				X			1	X X			
2				X			1	X X			
3				X			1	X			
4				X			1	X X			
5											
6											
7											
8											
9											
10											
11											
12											

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME	SAMPLE CONDITION	CHECK #	TOTAL COST
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME	CARRIER COMPANY	AIR BILL NO.	P.I.F
RELINQUISHED BY:	DATE/TIME	RECEIVED @ LAB BY:	DATE/TIME	CARRIER PHONE #	DATE RESULTS REPORTED BY:	DATE/TIME

WHITE COPY-SAMPLE YELLOW COPY-FILE PINK COPY-RELINQUISHER

Groundwater Samples

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

June 5, 2000

Mr. Joe Dorety
Day Environmental
2144 Brighton Henrietta TL Rd.
Rochester, NY 14623

RECEIVED
JUN - 7 2000

PROJECT:ROCITY - CHARLOTTE STREET
Submission #:R2002053

Dear Mr. Dorety:

Enclosed are the analytical results of the analyses requested. The analytical data was provided to you on 05/31/00 per a Facsimile transmittal. All data has been reviewed prior to report submission.

Should you have any questions please contact me at (716) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Janice Jaeger
Project Chemist

Enc.

1 Mustard St. • Suite 250 • Rochester, NY 14609 • Tele:(716)288-5380 • Fax:(716)288-8475

Columbia Analytical Services inc.

1 Mustard ST.
Suite 250
Rochester, NY 14609

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Lab Submission # : R2002053
Reported : 06/05/00

Report Contains a total of 39 pages

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

Columbia Analytical Services inc.

CASE NARRATIVE

This report contains analytical results for the following samples:

Submission #: R2002053

Lab ID	Client ID
379535	2089-W1-01
379536	2089-W2-01
379537	2089-W3-01
379538	2089-W4-01
379539	2089-W5-01
379540	2089-W6-01
379541	2089-W7-01
379542	2089-W8-01
379543	2089-W9-01
379544	2089-W11-01
379545	2089-W10-01
379546	TRIP BLANK

All samples were received in good condition.

All samples have been analyzed by the approved methods cited on the analytical results pages.

All holding times and associated QC were within limits.

No analytical or QC problems were encountered.

Columbia Analytical Services inc.

Effective 04/01/96

CAS LIST OF QUALIFIERS

(The basis of this proposal are the EPA-CLP Qualifiers)

U - Indicates compound was analyzed for but was not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. For further explanation see case narrative / cover letter.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

N - Spiked sample recovery not within control limits.
(Flag the entire batch - Inorganic analysis only)

* - Duplicate analysis not within control limits.
(Flag the entire batch - Inorganic analysis only)

- Also used to qualify Organics QC data outside limits.

D - Spike diluted out.

S - Reported value determined by Method of Standard Additions. (MSA)

X - As specified in the case narrative.

CAS Lab ID # for State Certifications

NY ID # in Rochester:	10145	NJ ID # in Rochester:	73004
CT ID # in Rochester:	PH0556	RI ID # in Rochester:	158
MA ID # in Rochester:	M-NY032	NH ID # in Rochester:	294198-A
OH EPA # in Rochester:	VAP	AIHA # in Rochester:	7889

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W1-01

Date Sampled : 05/15/00 15:30 **Order #:** 379535 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

DATE ANALYZED : 05/25/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	17	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W1-01

Date Sampled : 05/15/00 15:30 **Order #:** 379535 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	97	%
TOLUENE-D8	(88 - 110 %)	102	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	108	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W2-01

Date Sampled : 05/16/00 10:27 **Order #:** 379536 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W2-01

Date Sampled : 05/16/00 10:27 **Order #:** 379536 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	97	%
TOLUENE-D8	(88 - 110 %)	99	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W3-01

Date Sampled : 05/15/00 14:45 **Order #:** 379537 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W3-01

Date Sampled : 05/15/00 14:45 **Order #:** 379537 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	97	%
TOLUENE-D8	(88 - 110 %)	100	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	108	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W4-01

Date Sampled : 05/16/00 10:44 **Order #:** 379538 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W4-01

Date Sampled : 05/16/00 10:44 **Order #:** 379538 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	96	%
TOLUENE-D8	(88 - 110 %)	101	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	106	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W5-01

Date Sampled : 05/15/00 16:25 **Order #:** 379539 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W5-01

Date Sampled : 05/15/00 16:25 **Order #:** 379539 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	93	%
TOLUENE-D8	(88 - 110 %)	101	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	108	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W6-01

Date Sampled : 05/15/00 15:15 **Order #:** 379540 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

DATE ANALYZED : 05/25/00
ANALYTICAL DILUTION: 20.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	400 U	UG/L
BENZENE	5.0	110	UG/L
BROMODICHLOROMETHANE	5.0	100 U	UG/L
BROMOFORM	5.0	100 U	UG/L
BROMOMETHANE	5.0	100 U	UG/L
2-BUTANONE (MEK)	10	200 U	UG/L
SEC-BUTYLBENZENE	5.0	100 U	UG/L
N-BUTYLBENZENE	5.0	100 U	UG/L
TERT-BUTYLBENZENE	5.0	100 U	UG/L
CARBON DISULFIDE	10	200 U	UG/L
CARBON TETRACHLORIDE	5.0	100 U	UG/L
CHLOROBENZENE	5.0	100 U	UG/L
CHLOROETHANE	5.0	100 U	UG/L
CHLOROFORM	5.0	100 U	UG/L
CHLOROMETHANE	5.0	100 U	UG/L
DIBROMOCHLOROMETHANE	5.0	100 U	UG/L
1,1-DICHLOROETHANE	5.0	100 U	UG/L
1,2-DICHLOROETHANE	5.0	100 U	UG/L
1,1-DICHLOROETHENE	5.0	100 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	100 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	100 U	UG/L
1,2-DICHLOROPROPANE	5.0	100 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	100 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	100 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	100 U	UG/L
ETHYLBENZENE	5.0	1400	UG/L
2-HEXANONE	10	200 U	UG/L
ISOPROPYL BENZENE	5.0	100 U	UG/L
P-ISOPROPYLTOLUENE	5.0	100 U	UG/L
METHYLENE CHLORIDE	5.0	100 U	UG/L
NAPHTHALENE	5.0	140	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	200 U	UG/L
N-PROPYLBENZENE	5.0	250	UG/L
STYRENE	5.0	100 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	100 U	UG/L
TETRACHLOROETHENE	5.0	100 U	UG/L
TOLUENE	5.0	2400	UG/L
1,1,1-TRICHLOROETHANE	5.0	100 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	100 U	UG/L
TRICHLOROETHENE	5.0	100 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	520	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1900	UG/L
VINYL CHLORIDE	5.0	100 U	UG/L
O-XYLENE	5.0	1000	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W6-01

Date Sampled : 05/15/00 15:15 **Order #:** 379540 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 20.00			
M+P-XYLENE	5.0	4400	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	99	%
TOLUENE-D8	(88 - 110 %)	101	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	106	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W7-01

Date Sampled : 05/15/00 15:45 **Order #:** 379541 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/30/00			
ANALYTICAL DILUTION: 25.00			
ACETONE	20	500 U	UG/L
BENZENE	5.0	130 U	UG/L
BROMODICHLOROMETHANE	5.0	130 U	UG/L
BROMOFORM	5.0	130 U	UG/L
BROMOMETHANE	5.0	130 U	UG/L
2-BUTANONE (MEK)	10	250 U	UG/L
SEC-BUTYLBENZENE	5.0	130 U	UG/L
N-BUTYLBENZENE	5.0	130 U	UG/L
TERT-BUTYLBENZENE	5.0	130 U	UG/L
CARBON DISULFIDE	10	250 U	UG/L
CARBON TETRACHLORIDE	5.0	130 U	UG/L
CHLOROBENZENE	5.0	130 U	UG/L
CHLOROETHANE	5.0	130 U	UG/L
CHLOROFORM	5.0	130 U	UG/L
CHLOROMETHANE	5.0	130 U	UG/L
DIBROMOCHLOROMETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHANE	5.0	130 U	UG/L
1,2-DICHLOROETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHENE	5.0	130 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
1,2-DICHLOROPROPANE	5.0	130 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	130 U	UG/L
ETHYLBENZENE	5.0	130 U	UG/L
2-HEXANONE	10	250 U	UG/L
ISOPROPYL BENZENE	5.0	130 U	UG/L
P-ISOPROPYLTOLUENE	5.0	130 U	UG/L
METHYLENE CHLORIDE	5.0	130 U	UG/L
NAPHTHALENE	5.0	410	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	250 U	UG/L
N-PROPYLBENZENE	5.0	130 U	UG/L
STYRENE	5.0	130 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	130 U	UG/L
TETRACHLOROETHENE	5.0	130 U	UG/L
TOLUENE	5.0	130 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	130 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	130 U	UG/L
TRICHLOROETHENE	5.0	130 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	130 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	260	UG/L
VINYL CHLORIDE	5.0	130 U	UG/L
O-XYLENE	5.0	130 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W7-01

Date Sampled : 05/15/00 15:45 **Order #:** 379541 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 05/30/00				
ANALYTICAL DILUTION: 25.00				
M+P-XYLENE		5.0	130 U	UG/L
SURROGATE RECOVERIES	QC LIMITS			
4-BROMOFLUOROBENZENE	(86 - 115 %)		99	%
TOLUENE-D8	(88 - 110 %)		96	%
DIBROMOFLUOROMETHANE	(86 - 118 %)		98	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W8-01

Date Sampled : 05/15/00 16:10 **Order #:** 379542 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

DATE ANALYZED : 05/25/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W8-01

Date Sampled : 05/15/00 16:10 **Order #:** 379542 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	95	%
TOLUENE-D8	(88 - 110 %)	99	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	108	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W9-01

Date Sampled : 05/15/00 14:55 **Order #:** 379543 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

DATE ANALYZED : 05/25/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W9-01

Date Sampled : 05/15/00 14:55 **Order #:** 379543 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	96	%
TOLUENE-D8	(88 - 110 %)	102	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	112	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W11-01

Date Sampled : 05/15/00 16:55 **Order #:** 379544 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

DATE ANALYZED : 05/25/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W11-01

Date Sampled : 05/15/00 16:55 **Order #:** 379544 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	98	%
TOLUENE-D8	(88 - 110 %)	100	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	109	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W10-01

Date Sampled : 05/15/00 16:40 **Order #:** 379545 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

DATE ANALYZED : 05/25/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : 2089-W10-01

Date Sampled : 05/15/00 16:40 **Order #:** 379545 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	94	%
TOLUENE-D8	(88 - 110 %)	103	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	107	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : TRIP BLANK

Date Sampled : 05/15/00 **Order #:** 379546 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Day Environmental
Project Reference: ROCITY - CHARLOTTE STREET
Client Sample ID : TRIP BLANK

Date Sampled : 05/15/00 **Order #:** 379546 **Sample Matrix:** WATER
Date Received: 05/16/00 **Submission #:** R2002053 **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	89	%
TOLUENE-D8	(88 - 110 %)	93	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	109	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 382969 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 51167

DATE ANALYZED : 05/25/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 382969 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	94	%
TOLUENE-D8	(88 - 110 %)	97	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	106	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 382972 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 51167

DATE ANALYZED : 05/25/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 382972 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.00			
SURROGATE RECOVERIES	**QC LIMITS**		
4-BROMOFLUOROBENZENE	(86 - 115 %)	99	%
TOLUENE-D8	(88 - 110 %)	103	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 382994 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 51167

DATE ANALYZED : 05/30/00
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 06/05/00

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 382994 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 51167

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/30/00			
ANALYTICAL DILUTION: 1.00			
SURROGATE RECOVERIES	**QC LIMITS**		
4-BROMOFLUOROBENZENE	(86 - 115 %)	102	%
TOLUENE-D8	(88 - 110 %)	98	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	102	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

WATER

Spiked Order No. : 379542 Day Environmental

Client ID: 2089-W8-01

Test: 8260B TCL/TANK

Analytical Units: UG/L

Run Number : 51167

			MATRIX SPIKE		MATRIX SPIKE DUP.			QC LIMITS	
ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
BENZENE	50.0	0	45.0	90	46.0	92	2	11	76 - 127
CHLOROBENZENE	50.0	0	49.0	98	51.0	102	4	13	75 - 130
1,1-DICHLOROETHENE	50.0	0	54.0	108	53.0	106	2	14	61 - 145
TOLUENE	50.0	0	49.0	98	48.0	96	2	13	76 - 125
TRICHLOROETHENE	50.0	0	48.0	96	50.0	100	4	14	71 - 120

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 382970 ANALYTICAL RUN # : 51167

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.0			
ACETONE	20	93	21 - 165
BENZENE	20	77	37 - 151
BROMODICHLOROMETHANE	20	86	35 - 155
BROMOFORM	20	90	45 - 169
BROMOMETHANE	20	104	10 - 242
2-BUTANONE (MEK)	20	75	25 - 162
SEC-BUTYLBENZENE	20	79	50 - 150
N-BUTYLBENZENE	20	82	50 - 150
TERT-BUTYLBENZENE	20	84	50 - 150
CARBON DISULFIDE	20	70	45 - 148
CARBON TETRACHLORIDE	20	91	70 - 140
CHLOROBENZENE	20	83	37 - 160
CHLOROETHANE	20	93	53 - 149
CHLOROFORM	20	82	51 - 138
CHLOROMETHANE	20	95	10 - 273
DIBROMOCHLOROMETHANE	20	92	53 - 149
1,1-DICHLOROETHANE	20	76	59 - 155
1,2-DICHLOROETHANE	20	92	49 - 155
1,1-DICHLOROETHENE	20	88	10 - 234
CIS-1,2-DICHLOROETHENE	20	77	54 - 156
TRANS-1,2-DICHLOROETHENE	20	74	54 - 156
1,2-DICHLOROPROPANE	20	68	10 - 210
CIS-1,3-DICHLOROPROPENE	20	74	10 - 227
TRANS-1,3-DICHLOROPROPENE	20	83	17 - 183
METHYL-TERT-BUTYL-ETHER	20	80	50 - 150
ETHYLBENZENE	20	80	37 - 162
2-HEXANONE	20	87	22 - 155
ISOPROPYL BENZENE	20	79	50 - 150
P-ISOPROPYLTOLUENE	20	86	50 - 150
METHYLENE CHLORIDE	20	78	10 - 221
NAPHTHALENE	20	54	50 - 150
4-METHYL-2-PENTANONE (MIBK)	20	88	46 - 157
N-PROPYLBENZENE	20	80	50 - 150
STYRENE	20	76	66 - 144
1,1,2,2-TETRACHLOROETHANE	20	84	46 - 157
TETRACHLOROETHENE	20	89	64 - 148
TOLUENE	20	81	47 - 150
1,1,1-TRICHLOROETHANE	20	84	52 - 162
1,1,2-TRICHLOROETHANE	20	82	52 - 150
TRICHLOROETHENE	20	80	71 - 157
1,3,5-TRIMETHYLBENZENE	20	87	50 - 150

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 382970 ANALYTICAL RUN # : 51167

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 05/25/00			
ANALYTICAL DILUTION: 1.0			
1,2,4-TRIMETHYLBENZENE	20	88	50 - 150
VINYL CHLORIDE	20	78	10 - 251
O-XYLENE	20	80	71 - 135
M+P-XYLENE	40	80	71 - 135

Columbia Analytical Services INC.
An Employee-Owned Company
Mustard St., Suite 250, Rochester, NY 14609-69245
(716) 288-5380 • FAX (716) 288-8475

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

DATE 5/16/00 PAGE 1 OF 2

PROJECT NAME Rocity - Charlotte st.
PROJECT MANAGER/CONTACT Joe D.
COMPANY/ADDRESS DAY Env. 2144 Brighton Henrietta Tl Rd
Rochester NY. 14623
TEL (716) 292-1090 x118 FAX (716) 292-0425
SAMPLER'S SIGNATURE

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	FOR OFFICE USE ONLY LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS VOA's TCL + TIARS ☒ 8260 ☐ 624 ☐ 95-1	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ 95-2	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES/PCB's ☐ 8081 ☐ 608 ☐ 95-3	STAR'S LIST 8021 VOA's ☐ TOTAL ☐ TCLP	STAR'S LIST 8270 SVOA's ☐ TOTAL ☐ TCLP	TCLP ☐ METALS ☐ VOA's ☐ SVOA's ☐ H/P	WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit.	METALS, TOTAL (LIST BELOW)	METALS, DISSOLVED (LIST BELOW)	PRESERVATION pH < 2.0	PRESERVATION pH > 12	PRESERVATION Other
2089-W1-01	5/16/00	15:30	379535	H_2O	3	X												
2089-W2-01	5/16/00	10:27	36			X												
2089-W3-01	5/16/00	14:45	37			X												
2089-W4-01	5/16/00	10:44	38			X												
2089-W5-01	5/16/00	16:25	39			X												
2089-W6-01		15:15	40			X												
2089-W7-01		15:43	41			X												
2089-W8-01		16:10	42			X												
2089-MS/MSD-8-01		16:10	↓			X												
2089-W9-01	↓	14:55	43		↓	X												

RELINQUISHED BY:
Signature
Printed Name Jeffrey Kirk Hempton
Firm DAY Env.
Date/Time 5/16/00 11:45

RECEIVED BY:
Signature
Printed Name VGardner
Firm CAS
Date/Time 5/16/00 @ 1145

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS
__ 24 hr. __ 48 hr. __ 5 day
X Standard (10-15 working days)
__ Provide Verbal Preliminary Results
__ Provide FAX Preliminary Results
Requested Report Date _____

REPORT REQUIREMENTS
X 1. Routine Report
__ 2. Routine Rep. w/CASE Narrative
__ 3. EPA Level III Validatable Package
__ 4. N.J. Reduced Deliverables Level IV
__ 5. NY ASP/CLP Deliverables
__ 6. Site specific QC.

INVOICE INFORMATION:
P.O. #:
Bill To:

SAMPLE RECEIPT:
Shipping Via: Client
Shipping #:
Temperature: 6°
Submission No: R2-7053

SPECIAL INSTRUCTIONS/COMMENTS:
METALS
ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List

Columbia Analytical Services INC.
An Employee-Owned Company

Mustard St., Suite 250, Rochester, NY 14609-69245
(716) 288-5380 • FAX (716) 288-8475

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

DATE 5/16/00 PAGE 2 OF 2

PROJECT NAME Rocity - Charlotte St.
PROJECT MANAGER/CONTACT Joe D.
COMPANY/ADDRESS DAY Env. 2144 Brighton Henrietta TL Rd
Rochester NY. 14623
TEL (716) 292-1090 x118 FAX (716) 292-0425
SAMPLER'S SIGNATURE

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	FOR OFFICE USE ONLY LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS ☐ 8260 VOA's TCL + STARS ☐ 624 ☐ 95-1	GC/MS ☐ 8270 SVOA's ☐ 625 ☐ 95-2	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES/PCB's ☐ 8081 ☐ 608 ☐ 95-3	STAR'S LIST 8021 VOA's ☐ TOTAL ☐ TCLP	STAR'S LIST 8270 SVOA's ☐ TOTAL ☐ TCLP	TCLP ☐ METALS ☐ VOA's ☐ SVOA's ☐ H/P	WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit.	METALS, TOTAL (LIST BELOW)	METALS, DISSOLVED (LIST BELOW)	PRESERVATION pH < 2.0	PRESERVATION pH > 12	PRESERVATION Other
2089-WW11-01	5/15/00	16:55	379544	H2O	3	X												
2089-WW10-01	↓	16:40	45	↓	↓	X												
Trip Blank			46			X												

RELINQUISHED BY:
Signature
Printed Name Kirk Hampton
Firm DAY Env
Date/Time 5/16/00 11:45

RECEIVED BY:
Signature VGardner
Printed Name CAS
Firm
Date/Time 5/16/00 @ 1145

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature Brian Collow
Printed Name Brian Collow
Firm CAS
Date/Time 5/16/00 1145

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS
__ 24 hr. __ 48 hr. __ 5 day
X Standard (10-15 working days)
__ Provide Verbal Preliminary Results
__ Provide FAX Preliminary Results
Requested Report Date _____

REPORT REQUIREMENTS
X 1. Routine Report
__ 2. Routine Rep. w/CASE Narrative
__ 3. EPA Level III Validatable Package
__ 4. N.J. Reduced Deliverables Level IV
__ 5. NY ASP/CLP Deliverables
__ 6. Site specific QC.

INVOICE INFORMATION:
P.O. #:
Bill To:

SAMPLE RECEIPT:
Shipping Via: Client
Shipping #:
Temperature: 6
Submission No: R2-2053

SPECIAL INSTRUCTIONS/COMMENTS:
METALS 2089-10 should be 2089-11 & vice versa as per Kirk Hampton via fax 5/16/00
ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Check Form

Project/Client Day Env. Submission Number Q2-2053.

Cooler received on 5/16/00 by: eg **COURIER:** CAS UPS FEDEX CD&L (CLIENT)

1.	Were custody seals on outside of cooler?					YES (NO)
2.	Were custody papers properly filled out (ink, signed, etc.)?					(YES) NO
3.	Did all bottles arrive in good condition (unbroken)?					(YES) NO
4.	Did any VOA vials have significant air bubbles?					(YES) NO N/A
5.	Were **Ice** or (**Ice packs**) present?					(YES) NO
6.	Where did the bottles originate?					(CAS/ROC,) CLIENT
7.	Temperature of cooler(s) upon receipt:	6°C				
	Is the temperature within 0° - 6° C?:	Yes ☒	Yes ☐	Yes ☐	Yes ☐	Yes ☐
	If No, Explain Below	No ☐	No ☐	No ☐	No ☐	No ☐

Date/Time Temperatures Taken: 5/16/00 @ 1148

Thermometer ID: 139 (Temp Blank) Sample Bottle Cooler Temp. IR. Gun

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date : ~~5/16~~ 5/16/2000 by: BC

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?		(YES) NO
2.	Did all bottle labels and tags agree with custody papers?		(YES) NO
3.	Were correct containers used for the tests indicated?		(YES) NO
4.	Air Samples: Cassettes / Tubes Intact	Canisters Pressurized	Tedlar® Bags Inflated (N/A)

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
5-9*	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

*If pH adjustment is required, use NaOH and/or H_2SO_4.

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				

Other Comments:

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3803
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/15/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W1-01	**Date Analyzed:**	05/22/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

PARADIGM
Environmental Services, Inc.
179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3804
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/16/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W2-01	**Date Analyzed:**	05/22/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

PARADIGM
Environmental Services, Inc.
179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3805
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/15/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W3-01	**Date Analyzed:**	05/22/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

PARADIGM
Environmental
Services, Inc.

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Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3806
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/16/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W4-01	**Date Analyzed:**	05/22/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

PARADIGM
Environmental Services, Inc.

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Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3807
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/15/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W5-01	**Date Analyzed:**	05/22/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

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Environmental Services, Inc.

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Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3808
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/15/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W6-01	**Date Analyzed:**	05/22/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Light Weight PHC as Gasoline	7,270	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

PARADIGM
Environmental Services, Inc.
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Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3809
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/15/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W7-01	**Date Analyzed:**	05/23/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Medium Weight PHC as Diesel Fuel	316,000	2,500

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

PARADIGM
Environmental Services, Inc.
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Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3810
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/15/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W8-01	**Date Analyzed:**	05/23/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

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Services, Inc.

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Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3812
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/15/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W9-01	**Date Analyzed:**	05/22/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

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Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3813
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/15/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W10-01	**Date Analyzed:**	05/22/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

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Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc	**Lab Project No.:**	00-1002
		Lab Sample No.:	3814
Client Job Site:	Charlotte Street		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	05/15/2000
Field Location:	N/A	**Date Received:**	05/16/2000
Field ID No:	2089-W11-01	**Date Analyzed:**	05/22/2000

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

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179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

SEMI-VOLATILE PHC
SPIKE RECOVERY SUMMARY FORM
Water Method

Lab Sample ID	Field Location			PHC Spike	Percent Recovery
LCS	N/A			Diesel	67.9
LCS Dup	N/A			Diesel	64.8
3811MS	2089-MS-8-01			Diesel	57.9
3811MSD	2089-MSD-8-01			Diesel	60.8

Comments:

'ARADIGM
NVIRONMENTAL ERVICES, INC.

Lake Avenue
:hester, NY 14608
3) 647-2530 * (800) 724-1997

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DAY Env.	COMPANY:	LAB PROJECT #: 00-1002 / CLIENT PROJECT #:
ADDRESS: 2144 Brighton Henrietta TL Rd	ADDRESS: SAME	TURNAROUND TIME: (WORKING DAYS)
CITY: Rochester STATE: N.Y. ZIP: 14623	CITY: STATE: ZIP:	STD / OTHER
PHONE: 292-1090 (x118) FAX: 292-0425	PHONE: FAX:	1 2 3 X 5
ATTN: Joe	ATTN:	
COMMENTS: Pg 1		

PROJECT NAME/SITE NAME: Charlotte St.

REQUESTED ANALYSIS: TPH 310.13

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TPH 310.13	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/16/00	15:30			2089-W1-01	H_2O	1	X		38033
5/16/00	10:27			2089-W2-01			X		38044
5/15/00	14:45			2089-W3-01			X		38055
5/16/00	10:44			2089-W4-01			X		38066
5/15/00	16:25			2089-W5-01			X		38077
	15:15			2089-W6-01			X		38088
	15:45			2089-W7-01			X		38099
	16:10			2089-W8-01			X		38101
	16:10			2089-MS/MSD-8-01			X		38112 MS MSD
	14:55			2089-W9-01			X		38123

LAB USE ONLY**

SAMPLE CONDITION: Check box if acceptable or note deviation:

CONTAINER TYPE: ✓ PRESERVATIONS: ✓ HOLDING TIME: ✓ TEMPERATURE: ✓ 0x Ice

Sampled By: Jeffrey Kirk Hampton	Date/Time: 5/16/00	Received By:	Date/Time:
Relinquished By:	Date/Time: 5/16/00 12:04	Received By: Anne J Alosa	Date/Time: 5-16-00 1204
Relinquished By:	Date/Time:	Received @ Lab By: Anne J Alosa	Date/Time: 5/16/00 1435

Total Cost:

P.I.F.

ARADIGM
NVIRONMENTAL
ERVICES, INC.

Lake Avenue
hester, NY 14608
) 647-2530 * (800) 724-1997

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:
COMPANY: DAY Env.	COMPANY: SAME
ADDRESS: 2144 Brighton Henrietta TL Rd	ADDRESS:
CITY: Rochester STATE: NY ZIP: 14623	CITY: STATE: ZIP:
PHONE: 292-1090 (x118) FAX: 292-0425	PHONE: FAX:
ATTN: Joe	ATTN:
COMMENTS: Pg 2	

LAB PROJECT #: 00-1002
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS): 1 ☐ 2 ☐ 3 ☐ STD 5 ☒ OTHER ☐

JECT NAME/SITE NAME: harlotte St.

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TPH 310.13	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/15/00	16:55			2089-~~[illegible]~~ (W1B) -01 (TCA)	H_2O	1	X	label says MW10	3813
↓	16:40			2089-~~[illegible]~~ W1B -01 MW11-01 per Joe Darling 5/16 1600	↓	↓	X	↓ MW 11 call JD to clarify	3814

LAB USE ONLY

MPLE CONDITION: Check box acceptable or note deviation:

CONTAINER TYPE: ☑ PRESERVATIONS: ☑ HOLDING TIME: ☑ TEMPERATURE: ☑ on ice

	Date/Time:		Date/Time:
mpled By: Jeffrey Kirk Hampton [signature]	5/16/00	Received By:	
linquished By: [signature]	5/16/00 12:02	Received By: [signature]	5-16-00 12:02
linquished By:		Received @ Lab By: [signature]	5/16/00 14:55

Total Cost:

P.I.F.

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 LAKE AVENUE: ROCHESTER, NEW YORK 14608 (716) 647-2530

TO: Jeff Danzinger, Day Environmental, Inc.
FROM: Bruce Hoogesteger, Paradigm Environmental Services
RE: Charlotte Street Project
DATE: June 13, 2000

We received 10 water samples on May 16, 2000 from Day Environmental, from the site designated "Charlotte Street". The samples were all submitted for Total Petroleum Analysis by New York Department of Health method 310.13. Reports of results were faxed to you on May 24, 2000, with original hardcopy following by mail.

Two of the 10 samples submitted contained reportable levels of petroleum hydrocarbons. The remaining eight samples were all reported as "Below Detection Limit", with the lowest reportable level being 250 ug/L. At your request, we reviewed the raw chromatographic data for these samples to see if there were any observable trace levels of hydrocarbons which could be estimated. For three of the eight samples, an estimate of trace quantities could be obtained. Both identity and quantity of material become more approximate at levels below the reporting limit, however, best estimates are as follows:

Sample Field ID	Petroleum Hydrocarbon	Concentration
2089-W3-01	Mineral Spirits	52 ug/L (est.)
2089-W8-01	Mineral Spirits	10 ug/L (est.)
2089-W11-01	Mineral Spirits	34 ug/L (est.)

APPENDIX G

Photographs

Drums documented on 32-34 Charlotte Street on April 8, 1997 – looking southeast.

Drums, debris, and metal sheds documented on 28-30 Charlotte Street on April 8, 1997 – looking southwest.

Drums. debris, and metal sheds documented on 28-30 and 32-34 Charlotte Street on April 8, 1997 – looking northwest.

Apparent floor drain with a catchbasin/sump inside the existing building at 42 Charlotte Street as documented on April 18, 2000. This structure contained oil-like material, apparent water, and "oily" sediments, and was previously covered by a concrete patch.

View of in-ground lift inside existing building at 42 Charlotte Street as documented on March 7, 2000 – looking northeast.

View of floor drain covered by concrete patch inside existing building at 42 Charlotte Street as documented on March 7, 2000 – looking northeast.

View of existing building at 42 Charlotte Street as documented on March 7, 2000 – looking northeast.

View of 36 & 42 Charlotte Street on July 10, 2000 – looking northeast.

View of 36 & 42 Charlotte Street on July 10, 2000 – looking northerly.

View of 26-42 Charlotte Street on July 10, 2000 – looking northwest.

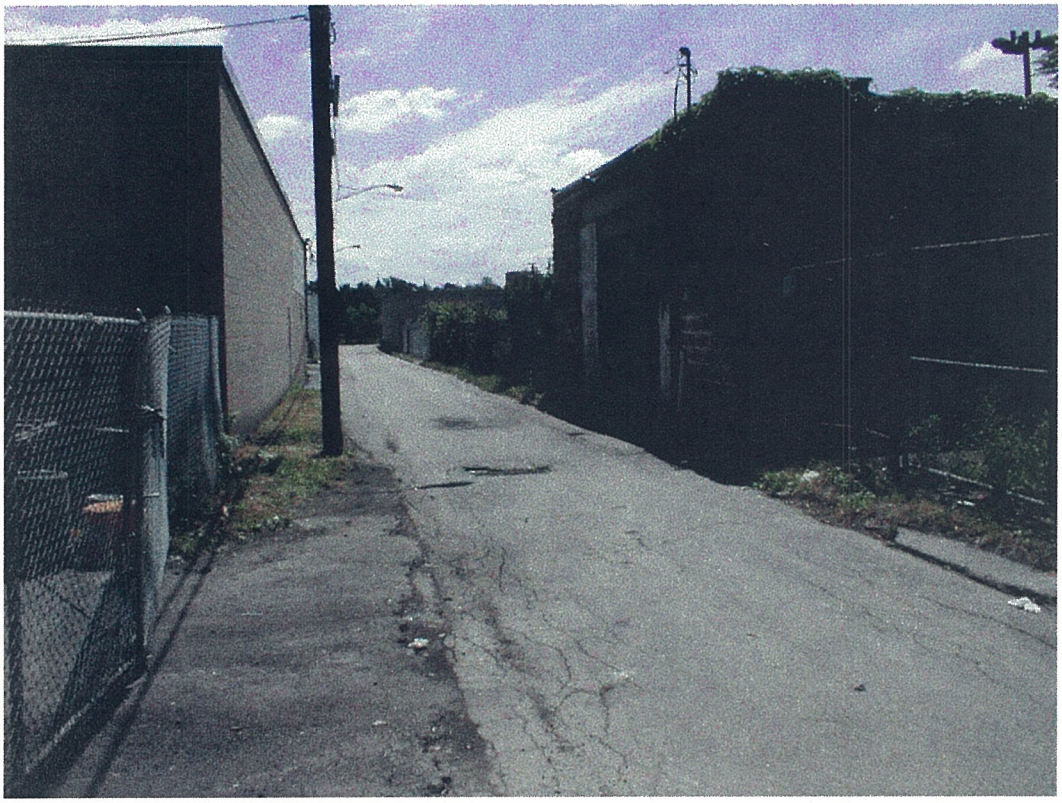
View of 36 & 42 Charlotte Street on July 10, 2000 – looking southerly.

View of 26, 28-30 and 32-34 Charlotte Street on July 10, 2000 – looking northerly.

View of 28-30 and 32-34 Charlotte Street on July 10, 2000 – looking northerly.

View of 26 and 28-30 Charlotte Street on July 10, 2000 – looking southwest.

View of residential building on 26 Charlotte Street on July 10, 2000 – looking easterly.



View of 42 Charlotte Street existing building (right side) from Haags Alley on July 10, 2000 – looking easterly.

View of 28-30, 32-34, 36 & 42 Charlotte Street from second floor of residential building on 26 Charlotte Street on July 10, 2000 – looking easterly.

View of 26, 28-30 and 32-34 Charlotte Street on July 10, 2000 – looking northerly.